

LEHIGH ALUMNI BULLETIN

VOLUME 5

AUGUST, 1917

NUMBER 1

INCORPORATION OF THE
ALUMNI ASSOCIATION
—
ALUMNI PROCEEDINGS
—
ON THE FIRING LINE

PUBLISHED QUARTERLY BY THE ALUMNI
ASSOCIATION OF LEHIGH UNIVERSITY



FORT PITT BRIDGE WORKS

OF PITTSBURGH, PA.

BRIDGES, BUILDINGS
STRUCTURAL STEEL

General Office, House Building, Pittsburgh

New York Office, 45 Broadway

Chicago Office, Fisher Building

Purchasing Dept. and Works, Canonsburg

THEO A STRAUB, '00,

H. R. BLICKLE, '03,

P. B. STRAUB, '07,

SCHUYLER B KNOX, '08,

E. H. BEZEL, '10.

Vice-President and General Manager

Secretary and Chief Engineer

Treasurer

Consulting Engineer

Works Manager

McCLINTIC-MARSHALL COMPANY
PITTSBURGH

ENGINEERS
MANUFACTURERS AND ERECTORS
OF
STEEL STRUCTURES
WORKS
PITTSBURGH - POTTSTOWN - CARNEGIE
PENNSYLVANIA

PRESIDENT, C. D. MARSHALL, '88
VICE-PRESIDENT AND GENERAL MANAGER, H. H. McCLINTIC, '88



SPECIALISTS IN THE DESIGN AND
CONSTRUCTION OF STEEL STRUCTURES

AUBREY WEYMOUTH, '94
CHIEF ENGINEER

THE DRAVO CONTRACTING COMPANY PITTSBURGH

DIFFICULT FOUNDATIONS, RIVER and HARBOR IMPROVEMENT
BRIDGE PIERS and DAMS, MINING PLANT CONSTRUCTION
SHAFTS, SLOPES and TUNNELS

ASSOCIATED WITH THE COMPANY

F. R. DRAVO, '87
R. M. DRAVO, '89
J. J. NOLAN, '01
R. G. JOHNSON, '04

E. T. GOTT, '06
C. H. DORSEY, '08

L. C. ZOLLINGER, '09
R. V. EDER, '10
V. B. EDWARDS, '11
S. B. SCRUGGS, '16

DRAVO-DOYLE COMPANY

PITTSBURGH

CLEVELAND

INDIANAPOLIS

PHILADELPHIA

STEAM and HYDRAULIC EQUIPMENT, COMPLETE POWER
PLANT, WATER WORKS INSTALLATIONS

ASSOCIATED WITH THE COMPANY

F. R. DRAVO, '87
R. M. DRAVO, '89

J. D. BERG, '05

S. P. FELIX, '03
E. S. ADAMS, '06

Standard Underground Cable Co.

General Offices : Pittsburgh, Pa.

Manufacturers of bare and insulated electric wires and cables for all classes of underground and aerial service, also cable terminals and junction boxes and other cable accessories.

Offices in all principal cities

P. H. W. SMITH, '92, Vice-President

PUMPING MACHINERY

WILSON-SNYDER MANUFACTURING CO.

H. D. Wilson, '01, President

PITTSBURGH, PA.

DUQUESNE CONTRACTING COMPANY

General Offices, Diamond Bank Building

PITTSBURGH, PA.

Bell Telephone Court 1119

J. D. Callery, Jr.
President

R. G. Hengst, '95
Vice-President and General Manager

WM. H. SAYRE, '86, President

R. S. EDMONDSON, '06, Vice-President

AMERICAN ABRASIVE METALS CO.

50 Church Street, New York

Manufacturers of

"FERALUN" ANTI-SLIP TREADS

Used for floor plates, stair treads, trench covers, etc., instead of iron and steel, to prevent slipping accidents.

VICTOR
BITUMINOUS COAL
ANTHRACITE COAL
AND COKE

GRAND CENTRAL TERMINAL
NEW YORK CITY
NORTH AMERICAN BUILDING
PHILADELPHIA

REMBRANDT PEALE, '83

ALUMNI BULLETIN OF LEHIGH UNIVERSITY

THE LEHIGH COAL AND NAVIGATION COMPANY

437 CHESTNUT STREET
PHILADELPHIA, PA.



Miners of Old Company's Lehigh Coal

Since 1820

SAMUEL D. WARRINER, '90, President

Weston Dodson & Co. Inc.

MINERS AND SHIPPERS

**ANTHRACITE AND BITUMINOUS
COALS**

ALAN C. DODSON, '00
T. M. DODSON, '00
F. P. LAUFER, '07
W. F. BANKS, '09
C. S. KENNEY, '10
C. E. SIEBECKER, '15
J. S. MUNGER, '17

Offices

BETHLEHEM
PHILADELPHIA
BALTIMORE
CLEVELAND
NEW HAVEN
NEW YORK

THOMAS M. EYNON, '81
President and Treasurer

HAROLD E. EYNON, '09
Superintendent

The
Eynon-Evans Mfg. Co.
Engineering Specialties

Injectors
Blowers
Condensers
Syphons
Water Heaters
Valves

Bronze Founders

Capacity 5000 lbs. per day

Specialists in Quality Production

Office and Works
Fifteenth and Clearfield Streets
Philadelphia

ALUMNI BULLETIN

OF

LEHIGH UNIVERSITY

PUBLISHED QUARTERLY BY THE ALUMNI ASSOCIATION

PUBLICATION COMMITTEE

THOMAS M. EYNON, *Chairman*

SCHUYLER B. KNOX, *Vice-Chairman*

M. A. DEWOLFE HOWE

PAUL M. PAINE

GEO. F. MURNANE

RAYMOND WALTERS

WALTER R. OKESON, *Editor*

Volume 5

AUGUST, 1917

Number 1

THE ALUMNI BULLETIN will be sent to all Lehigh men and the subscription price is included in the regular dues of the Alumni Association.

For 25 cents a year it will be sent to any address indicated by a Lehigh man. Be sure that no promising young man, no reading room, and no employer of engineers in your town is without it.

Readers of the BULLETIN are requested to notify the University of changes in address of themselves and of former students so that the ALUMNI LIST, published by the University, may be as accurate as possible.

The BULLETIN urges alumni to contribute news. Items should be sent to the Editor.

THE NEW SECRETARY AND EDITOR SPEAKS

And it came to pass in the fulness of time that Henry H. Scovil, affectionately called "Hank," became President of the Alumni Association of Lehigh University. And "Hank" dreamed a dream and saw visions. He saw an Alumni Association welded together into a solid, enthusiastic unit, working loyally for the betterment of their college. He saw every man who ever entered the portals of the University taking an equal part in the organization, and each striving, as opportunity served, to "do his bit" towards making Lehigh University the foremost technical institution in this country. To see was to act with "Hank." He told his dream to the Alumni officers, to our President, and to the Board of Trustees of the University. He thrashed out the details with the many loyal sons of Lehigh with whom he came in contact and soon perfected them. To me he came with the cool proposition that I give up my work with a Company I had served for many years and take up the work of Alumni Secretary. I marveled at his nerve, but managed to retain breath enough to refuse. The refusal had no effect on him whatever. He proceeded to show me my duty, and under his persuasive tongue and hypnotic eye I had no chance to escape. He made me see the wonderful possibilities of a strong, united Alumni Association. Lehigh, with her unique list of graduates and non-graduates, almost entirely engineers, all doers of big

things in the world of construction and fabrication; men who by their very training and work cannot possibly take an interest in anything without immediately taking hold and pushing it to a successful issue. With such men to count on the wonderful development of our college in the past dozen years would go on in ever increasing strides towards the goal of absolute pre-eminence among Educational Institutions. I saw it all, and taking fire from his enthusiasm, I agreed to attempt the work of organizing our Alumni, and gathering together the great forces they represent into a powerful machine with which to manufacture good things for Lehigh and Lehigh men.

The programme is to incorporate the Association. To bring in as active members every man whose class has graduated. To get every Lehigh Club to work along the same lines towards a common end. Through the ALUMNI BULLETIN, of which the Secretary will act as Editor, by visits of the Secretary to every meeting of a Lehigh Club, by personal visits of the Secretary to every Alumnus who can be reached, it is intended to keep each Lehigh man conversant with all the affairs of the college, to stir in his heart the old enthusiasm that once seethed there when he was an undergraduate, to bring him in touch with other Lehigh men for their mutual benefit, and show him that being a Lehigh man is a business asset to him just as he should be a business asset to the University.

Also we intend to try to weld together the Alumni and the undergraduate body. These undergraduates will soon take our places in the world. Their interests and welfare should be ours. Think what it would mean to them with an Alumni body planning and working to make their four years at Lehigh more productive in health, pleasure and knowledge. This Alumni interest would be a stimulating force the value of which it would be hard to over-estimate.

At the present time every college in our country faces a crisis. The war has already taken many students, and will take more. The cost of education has risen as surely as has the price of coal and food. Without strong efforts the educational interests of the country will languish. Yet never has the need of college trained men, especially engineers, been more apparent. War is an engineering project pure and simple. It uses up the supply of engineers and destroys the work it continually demands of them. The supply will decrease, yet when peace comes the demand for engineers to build up what has been torn down will be greater than ever. We must continue to turn out engineers at Lehigh. More engineers, and better ones. Every college is being put to the test. Some will emerge from this trial greatly weakened, others with added strength. The class to which Lehigh will belong depends largely upon her Alumni. Now, if ever, we must serve our Alma Mater. Our country needs the best that Lehigh can give, and it is up to us to make her more efficient.

Can the nine men out of every ten who now take only a passing interest in the Alumni Association and the University be made to see that their duty, their pleasure and their personal interest are equally to be served by striking hands with every other Lehigh man in a bond to "fight for Lehigh"?

That is the question to which I as Secretary must find the answer. Will you who are reading this.—you Lehigh man who as an undergraduate served your college with unselfish zeal.—will you help me to the only answer there can be, unless contact with the world has stolen from us all the fire of youth?

WALTER R. OKESON,

Secretary the Alumni Association
of the Lehigh University, Inc.

FROM PRESIDENT DRINKER TO THE ALUMNI

We are indebted to the initiative and the energy of H. H. Scovil, '00, President of our Alumni Association, for an alumni move that it is believed will be of signal value to Lehigh. I have known and been closely identified with the successive steps from the days of '69 and '70 on,—marking the early institution of our alumni organization and its growth through years of increasing strength and evidence of active interest on the part of its members in the Alma Mater.

In the dark days of our financial plight in the decade of the nineties, the alumni, under the leadership of Frank P. Howe and Henry A. Porterfield and others, came forward, and by the Alumni Subscription Fund gave the University a most welcome and substantial measure of support,—how welcome and how greatly needed, I well know, for I was then a member of our Board of Trustees, and the impress of those anxious days is burned into my memory.

And then later, as, by the help of its friends, the University's financial stress was tided over, and days of less anxiety, and then of dawning prosperity, came to us,—there arose in 1908, on the initiative of Charley Taylor, the Alumni Endowment Fund, a wise financial provision, not a first aid to the injured, as the Subscription Fund had so well proved to be, but the institution of a permanent and ever-growing fund by which her sons could, in small or large amounts as their means should permit, contribute to Lehigh's power to do good,—a great and ever-living scheme, destined to go on down through the years as an efficient aid, given by efficient men, to the efficient work of an institution founded and existing to teach high efficiency.

The establishment in 1913 of the ALUMNI BULLETIN marked an important step onward in the work of drawing our alumni together, and to the able Board of Publication, Eynon, '81; Lambert, '83, and Knox, '93, high credit is due for their business-like and wise handling of the enterprise.

To the retiring Editor of the BULLETIN, Raymond Walters, '07, too great credit cannot be given for the masterly journalistic ability shown in the writing and editing of the BULLETIN during these first four years of its existence. He has done his work loyally and well, and in his appointment, just conferred by the Board of Trustees, as Assistant Professor in the Department of English, with continuing charge in particular of the course in Journalism, which he has conducted since its establishment at Lehigh in 1912, there is opened to him a field of work in Literature for which his ability, training, and tastes well fit him. Mr. Walters continues as Registrar of the University.

Through many years our well-beloved and esteemed fellow-alumnus, Preston Albert Lambert, of '83, has served the Alumni Association and the University, as Secretary and Treasurer of the Association,—a great service, well and faithfully performed, by a man endeared to students and alumni as a teacher of surpassing ability, of unique personality, sympathetic and kind, yet stern in the exaction of honest work,—who, when Warriner, of '90, in 1906 voiced the call for more care to be observed in the keeping of our boys in college than in the effort to bring them to college,—effectively responded by offering his services for the institution of the Conference Department, which, under his care, has now for ten years done such notable good.

Lambert now asks for the rest he has so well earned, and as our honored Secretary Emeritus, he sees a younger brother of the Alumni take up the work on lines that the growth of the University and of the Alumni-body makes possible and timely,—and we all join not only in good wishes to Okeson,—but in the intention and promise to support and aid him in the large task to which he has set his hand.

He is a man whom we all know and trust,—who has given proof and evidence of love for Lehigh,—and in securing him we have secured a man for a man's work,—and his record as a successful engineer,—the position he

has attained in the business world,—his charming personality, and deserved popularity as an individual,—his athletic record,—all hold promise and potency of success in the work he has undertaken.

HENRY STURGIS DRINKER, '71.

FROM THE PRESIDENT OF THE BOARD OF TRUSTEES

The Alumni of Lehigh have so increased in numbers that the need of a more efficient organization and the undivided time of its Secretary has been apparent for some years. The Executive Committee have determined for this change and, with the approval of the Board of Trustees, appointed Mr. Walter R. Okeson, Class '96, as a permanent Secretary. I ask for him a sympathetic reception and co-operation in plans that may develop in which there will be varied interests so that every man can find some expression of his thought or some scheme that he can support by word or act, and by so doing make for greater loyalty and better fellowship. Encourage by your presence all Lehigh functions. Numbers make for enthusiasm, this makes for loyalty and loyalty brings results.

HENRY R. PRICE, Class '70,
July 5, 1917. Pres. Board Trustees.

AS PRESIDENT SCOVIL SEES IT

Dear Mr. Every Lehigh Man:

The Alumni Association, since its organization, has rolled along in more or less of an intermittent fashion, but serving its purpose, and serving it efficiently. We were young, and didn't amount to much, for, as young alumni, we couldn't help to any extent, except in the way of loyalty—and we were always loyal. Then came a time when Lehigh men became great—great in affairs of this commercial world of ours; and Lehigh became great from their reflection. Rival technical institutions have likewise become great, and Lehigh must become greater from greater reflection of her seven thousand sons.

The greatest of our Lehigh men have become great, not so much from their profound knowledge, as from their ability to organize. Organiza-

tion is what the Alumni Association needed, and organization is what she has recently undergone. The Alumni Association will roll along in the future, not as a common farm roller without definition, but rather as a fine-motored lawn roller, smoothly, with precision and with definition. Maybe she became a steam roller for a while, during her transition, but the change was necessary.

At the annual meeting in June, we were given authority to incorporate; and we are now the Alumni Association of the Lehigh University, Incorporated. We have adopted as our By-Laws the old association's constitution, with some changes, the principal one being that every Lehigh man becomes a Member or an Associate Member automatically; a Member upon graduation; Associate Member, if a matriculate, as soon as his entering class shall have been graduated, with an opportunity to become a Member if he desires to do so. There was too much "Prussianism" before; or shall I say "Phariseism"?

We are all too busy to devote much time or thought to the details of other business than our own. It was a certainty that the Alumni Association could not succeed without a Secretary who could give his entire time and thought to the work. Lambert, '83, wouldn't do it; he prefers teaching. A very wise man is quoted as having once said: "There are only two kinds of whiskey—good and bad." It's the same with secretaries. We had to have a good one, and a good one we got. I'm not going to say much about Walter Okeson, for you all know "Okie," and know he is full of unquestionable ability and the necessary "pep." I do want to say, however, that there is only one other Lehigh man so unselfish as "Okie," and he's Dr. Drinker. "Okie," like the Doctor, gave up a very fine and an assured position, just for the love of Lehigh. I must tell you that when I gained the approval of this movement from the Trustees of the University, they were unanimous in their opinion that Okeson was the best possible selection from the alumni body.

Some years back, when Lehigh was in a sad condition, Dr. Drinker came

Bakewell, '10, Gets Commission

Gifford C. Bakewell, '10, former Varsity football end, has received a commission as Captain of Engineers in the Officers' Reserve Corps and is awaiting call. Mr. Bakewell has recently been Superintendent of Construction for the Walsh Construction Co. in the erection of the Cleveland freight terminal of the New York Central and Nickel Plate lines.

In the Aviation Corps

Allie Connell, '17, of Beaver Brook, recently elected captain of the 1918 Lehigh University baseball team, has enlisted in the aviation corps of the U. S. Army. Mr. Connell and several of his friends planned to enlist when their team was on a tour in New England late this college season, and last week they applied to the recruiting office in Philadelphia for examination.

Corps of Civil Engineers, U. S. Navy

Two alumni of Lehigh are included in the list of twenty-five nominations recently sent by President Wilson to the Senate to fill existing vacancies in the grade of assistant civil engineer, Corps of Civil Engineers, United States Navy. They are Edward C. Seibert, C.E., '14, of Baltimore, and Richard H. Gifford, C.E., '14, of Philadelphia. Messrs. Seibert and Gifford were successful in the final examination held in Washington, open to one hundred and ninety candidates who had passed the preliminary examinations and who represented forty-seven colleges and twenty-nine states.

Letter from Fort Niagara

Jesse F. Wentz, '17, writes an interesting letter from Fort Niagara, which appeared in the "Brown and White" for June 8, and from which we quote:

"Company 5,

"Fort Niagara, N. Y.

"The Lehigh men in camp, as far as I can find out, are Prof. Butterfield, Thirteenth Artillery; Miles Kresge, '16, Thirteenth Artillery; "Doc." Keiser, '16, Tenth Cavalry; D. Kirkpatrick, '17, Sixth Infantry; Dick Halliwell, ex-'18; Bob Campbell, '18; J. F.

Wentz, '17, Fifth Infantry; Vic Lehr, '19, Third Infantry; L. Bevan, '20, Fifth Infantry; Tom Boggs, '20, First Infantry; F. Krom, '18, First Infantry; J. H. Chandler, '16; C. Sanderson, ex-'18, Tenth Cavalry; and H. F. MacLaughlin, '18.

"There are 275 men here from Penn., 180 from State, 30 from Dickinson, about 45 from Lafayette, and 14 from Lehigh. This looks rather poor for us, but then, some of our men went to Ft. Meyers, Plattsburg, and Fort Madison, and all the Lafayette men came up here together. There are five Lafayette men in my company, including our old athletic opponents, Dick Diamond and Gerard.

Another Letter from "Fort Niagara"

Later news of the boys at Fort Niagara is contained in a letter dated July 14, received from Lathrop Bevan, '20. He states that all the boys from Lehigh are working hard to make good and so far they have all "hung-on," despite the cuts that have taken place, except Vic Lehr, '19, who left in June to enlist in the regular army. The boys had just finished their ninth week when he wrote the letter and they were all full of enthusiasm over the work and the regular army instructors. They are putting in 16½ hours a day with only about three-quarters of an hour for themselves outside of the three mess calls. Bevan says that W. A. Richards, '17, President of this year's Arcadia, is down at Belvoir, Va., with the Engineers and that there are several other Lehigh boys there.

Confer With War Board

Charles M. Schwab, Eng.D. (Hon.), '14, Chairman, and Eugene G. Grace, E.E., '99, President of the Bethlehem Steel Corporation, attended the conference at Washington, D. C., on July 12, between the Committee of the American Iron and Steel Institute and Secretary of War Baker, Secretary of the Navy Daniels, and others. The steel men repeated their assurance that the entire steel industry of the country is available for supplying products to carry on the war.

LEHIGH'S GREAT BALL TEAM

The baseball season at Lehigh this year was featured by one of the greatest teams in her history. Starting with what seemed a fair team, Coach Keady brought it along steadily through the season, with constant improvement, until at the end it was without question the strongest college team in the country.

The record of the games given in the May number of the ALUMNI BULLETIN show victories over Penn. State, U. of P., Seton Hall, and a number of other good teams, and losses to Swarthmore, University of Virginia, and Georgetown. This brought the season up to May, and in the best played game up to that time Lehigh lost 3-2 to University of Pittsburgh. The first of the Lafayette series came next, and the final score was Lehigh, 16; Lafayette, 4. The next Saturday Lafayette was met again, this time on their own grounds, and Lehigh won easily, 11-4. In the game which followed with University of Pennsylvania, Lehigh lost a close game by the score of 4-3. The crack Bethlehem Steel Co. nine defeated us by a score of 4-1, but this was forgotten the following Saturday when Lehigh took the third game from Lafayette by the overwhelming score of 21-1. From this time on the succession of victories is most impressive. On Alumni Day Albright fell by the score of 10 to 5. Then Carnegie Tech. was played in Pittsburgh and lost to our boys, 6-2. On the same day University of Pittsburgh beat State College, 8-4, and were claiming the championship of that section. On their record their claim seemed just, but Lehigh, nothing daunted, went into the game with Pitt, the following day, determined to avenge the 3-2 defeat sustained earlier in the season, and they certainly did a big job of "avenging." Starting with three runs in the first inning, they added eight more in the second. The third inning they did not score, but after that the runs piled up until at the end of the seventh inning the game was called with a score of 28-0 in favor of Lehigh. It is only fair to Pitt, to say that two of her men were declared ineligible before this game, but even taking that into consideration,

the result was a wonderful victory for Lehigh.

The team then left for New England, where they played the Medford All-Stars, composed largely of former big leaguers. The result was a 6-0 victory and put the team in shape for their big battle with Holy Cross, easily the best team in New England. The game was staged as a championship contest and the result was one of the greatest games of college history. Going into the ninth inning with the score 1-0 against them, Lehigh tied it up on singles by Fishburn and C. E. Twombly, a sacrifice by Achorn and Maginnes' long fly to center. In the eleventh and thirteenth Holy Cross got a man to third, but E. P. Twombly's masterly pitching held them scoreless. Finally, in the sixteenth inning, E. P. Twombly hit safe and was sacrificed to second. He took third on a passed ball. McCarthy was passed and stole second. Fishburn fanned and it was up to Captain Twombly. With the count of threeballs and two strikes against him, he leaned against the next ball pitched and drove it over second, scoring both men. Holy Cross made a desperate effort in their half of the sixteenth, scoring a run and having a man on base with only one out. But Twombly tightened up and fanned the next two men, thus closing what was described by the spectators as one of the most exciting games of ball ever played. On the following day Lehigh beat Williams, 13 to 2, winding up a wonderful season.

Tom Thorpe in the "New York Evening Journal" headed his article on the season's standing of the college teams with

"LEHIGH PROVES BEST COLLEGE NINE"

and in the body of his article says that to Lehigh must go the final honors of the season. We all agree with Tom and vote him a most impartial judge. In team batting Lehigh had a season's record of .312, with Maginnes leading, with a mark of .412, then Hurley, .400; C. Twombly, .395, and Johnson, .353. With eight hitters in the .300 class, the line-up was enough to make any opposing pitcher nervous.

In fielding the team record was .962. Connell, in center field, played 21 games with a perfect record of 1000. The pitchers, Hurley, Johnson and E. Twombly, all did splendid work. Hurley worked in less games than either of the others, but succeeded in winning every one of the six games he pitched.

The team broke training at a banquet at the Quincy House in Boston, at which time they presented Coach Keady with a handsome black traveling bag. Connell, the brilliant center fielder, was elected Captain for next year. By graduation Lehigh loses Captain Twombly, Lees, her remarkable catcher, Fishburn, the star shortstop, and Achorn, the crack second baseman. But under Keady's able leadership they will be there again next year with another wonderful team. We salute, and say farewell, to the championship 1917 team.

LEHIGH MEN IN THE LIMELIGHT

National Summer Forestry Conference

Dr. Drinker, as President of the Pennsylvania Forestry Association, presided at the National Summer Forestry Conference held at Pittsburgh on June 21-23. To this conference men and women interested in forestry came from all parts of the country. It was organized under the auspices of the Pittsburgh Chamber of Commerce and the meetings were held in the Auditorium of the Chamber.

The conference was opened by addresses of welcome from City Solicitor O'Brien, representing the Mayor, and from Mr. Frank J. Lanahan, President of the Chamber of Commerce. Response was made by President Drinker. Among prominent foresters in attendance were Dr. J. T. Rothrock, of Pennsylvania; Dr. B. E. Fernow, of the University of Toronto; Dr. Filibert Roth, of the University of Michigan, and Mr. William L. Hall, of the U. S. Forest Service.

The people of Pittsburgh are much interested in the promotion of forestry in the western part of Pennsylvania for the lessening of floods and the

betterment of water supply—as well as, of course, the growing and furnishing of timber of which this section of the state has been practically denuded, and the city gave the visitors a hospitable and warm welcome.

Rembrandt Peale, '83, General Commissioner of Coal Shippers' Pool

In the "New York Times" of June 22nd was printed the announcement by Fairfax Harrison, Chairman of the Railroads' War Board, that arrangements had been completed for pooling all tidewater bituminous coal so as to effect a saving in the use of coal cars. Under the new plan it is expected the railroads will be able to haul to the Atlantic ports 6,640,000 tons more than they did last year. To manage this bituminous coal pool the shippers have organized the Tidewater Coal Exchange, with offices in Washington, and Rembrandt Peale, '83, as General Commissioner.

Robert Grier Cooke, '84, President of Fifth Avenue Association

In New York a determined effort has been made by a number of prominent men to save for Fifth Avenue its character and beauty. Heading this Association as President is Robert Grier Cooke, B.A., '84. The Association publishes a bulletin called "The Avenue" and in a recent issue appeared a review of the ten years' record of the Association. The Association launched, and was the chief agency in carrying through to final success, the vastly important movement for limiting building heights in Greater New York, and establishing business and residential zones. This is only one of the many campaigns they have been successful in, all of which have tended to improve business and residential conditions on the Avenue, and in fact throughout the city. Their latest effort was to establish in connection with the American Institute of Architects a Committee on Architectural Harmony, which by work in close touch with the builders and property owners will seek to bring about greater harmony in architectural design on Manhattan Island.

A Great School of Mines

One of the late issues of the University of Illinois "Bulletin" is devoted entirely to a description of the Department of Mining Engineering of that University. Thirty-one pages of reading matter and photographic reproductions give an excellent idea of this department, which conducts graduate as well as undergraduate work. Harry H. Stoek, B.S., '87, E.M., '88, is the Professor of Mining Engineering at Illinois and to his able and efficient work must be credited the high standing of this splendidly organized and equipped school of mines.

Heads a Great Company

Frank H. Crockard, '95, has resigned his position as Vice-President of the Tennessee Coal, Iron and Railroad Co., and is leaving Birmingham, Ala., to accept the presidency of the Nova Scotia Steel and Coal Co. The southern papers making this announcement state that the position will carry with it a salary considerably greater than that of the President of the United States.

The Nova Scotia Co. has ore properties at Wabana, Great Bell Island, said to contain ore exceeding the combined reserves of Loraine, Luxemburg and Alabama. Their coal properties are located on the northeast coast of Cape Breton. The tonnage controlled by the Company is in excess of 2,000,000 tons.

Mr. Crockard, who was educated at Lehigh and the Michigan School of Mines, started work with the National Tube Co. at Wheeling, W. Va., going to the Tennessee Coal and Iron Co. in 1906. As Vice-President of this Company during the past 10 years he has had a big part in the planning and supervision of reconstruction and extensions in the Birmingham district, aggregating in cost \$32,000,000.

In the welfare work of this Company Mr. Crockard has also had a great part. He has long been recognized in the south as one of its big men and he goes to his greater responsibilities followed by the best wishes of all in the great district in which he has labored. Lehigh joins his other friends in congratulations to

him and takes great pride in his success.

Aids Recruiting for Army

J. T. Morris, '16, made the address on Registration Day at a patriotic meeting held at Matoaka, W. Va. A number of recruits to the regular army were obtained at the close of Mr. Morris' speech.

LEHIGH MEN WHO WRITE

M. A. DeWolfe Howe, B.A., '86, Litt.D., '16, who for four years has been Editor of the "Harvard Alumni Bulletin," has been appointed editor also of the "Harvard Graduates' Magazine." The magazine is a quarterly, with the characteristics of both a review and a chronicle, and has just completed its twenty-fifth year. For the first twenty-three years William Roscoe Thayer, author of the "Life of Cavour," was its Editor. It is conducted independently of the Harvard Alumni Association, of which the "Harvard Alumni Bulletin" is the official organ. The forthcoming September issue of the "Graduates' Magazine" will be the first under the editorship of Dr. Howe, who will, as has been stated, continue in charge of the "Harvard Alumni Bulletin."

Dr. Joseph W. Richards, '86, is the author of an article on "The Democratization of Germany," which appeared in the "New York Times" on April 14, 1917. The article treated on the absolute necessity of such democratization as a basis of lasting peace.

Circular No. 33 of the Bureau of Standards, Department of Commerce, is the U. S. Government Specification for Portland Cement. This specification is the result of several years work of a joint conference representing the U. S. Government, the American Society of Civil Engineers and the American Society of Testing Materials. Mr. Asa E. Phillips, '90, was one of the Committee of three members representing the U. S. Government in this conference.

STATEMENT OF TREASURER

June, 1916, to June, 1917

Receipts

Balance June 1, 1916.....	\$1205 07
Life Membership	50 00
Return Department Prizes.....	50 00
Dues	2802 75
Total	\$4107 82
Life Membership Fund on Deposit, Union Square Savings Bank, New York:	
Life Membership	\$ 450 00
Interest (Current Funds).....	72 00

Expenditures.

Departmental Prizes	\$ 50 00
Oratorical Prizes	50 00
Postage	190 78
Printing	329 77
Secretary's Honorarium	400 00
Clerk	60 00
Alumni Bulletin	319 95
Alumni Day Committee.....	266 25
Brown and White.....	2 50
Epitome	2 50
Ledger	1 95
Badges	300 00
Questionaire	310 30
Life Membership	50 00
	\$2334 00
Balance, June 2, 1917.....	\$1773 82

Balance on Deposit as follows:

Lehigh Valley National Bank, Bethlehem	\$1701 82
Union Square Savings Bank, New York.....	72 00

The Auditors reported that the statement of the Treasurer has been audited and found correct. Also, that the balance sheet of the LEHIGH ALUMNI BULLETIN, made out to May 15, 1917, showing a balance of \$752.06, has been audited and found correct.

The Secretary: As stated in my report, the success of the new plans under which the Alumni Association is to be operated required the election of a Secretary who could give his entire time to the work. I therefore handed my resignation as Secretary and Treasurer to the Executive Committee at the meeting last night, to become effective immediately at the close of this Annual Meeting. The resignation was accepted and Walter R. Oke-son, '96, was elected Secretary, and Barry H. Jones, '94, was elected Treasurer of the Association. I wish to take this opportunity to thank the members of the Alumni Association of Lehigh University for their uniform consideration and courtesy extended to me throughout the sixteen years of my service.

At this point it was called to the attention of the meeting that there was an item in the Minutes of the Executive Committee which was not written in the Secretary's report. This was a minute adopted by the Executive Committee in accepting Prof. Lambert's resignation, reading as follows: We accept the resignation of P. A. Lambert, '83, as Secretary and Treasurer of the Alumni Association with regret. He has reached the irrevocable conclusion that the work of the Alumni Association has grown

to the point where the Secretaryship should take the entire time and attention of some one man. We accept the resignation and are only willing to lose his aid and efforts for the Association in order that our Alma Mater may continue to receive the benefit of his activities.

The President: Mr. Robert B. Honeyman, '88, wishes to say a few words.

Mr. Honeyman: Mr. Lambert, we of the Alumni Association are very much in your debt for the unselfish service which you have so long given us as Secretary. It is a debt which we cannot repay, but we want to express to you our appreciation and our thanks. Merely as an expression of our feelings towards you, we want you to accept from us this token. Inasmuch as the contents of this article are of an evanescent nature, we have ventured to add something to the contents which will tend to keep it full for you for some time to come. Please accept it with our best regards.

Mr. Honeyman then handed to Prof. Lambert a Silver Humidor, properly inscribed, filled as indicated above.

In accepting, Prof. Lambert thanked the Association, assuring them that he had been well paid for whatever work he did for the Association, but at the same time was careful not to accept any more money than he felt was just. He deeply appreciated the sentiment which inspired the gift he had just received.

The President: The next in order of business is the report of the Athletic Committee.

REPORT OF LEHIGH UNIVERSITY ATHLETIC COMMITTEE.

To the President of the Lehigh University Alumni Association,
Dear Sir:

We respectfully submit the following report of the work of the Athletic Committee for the college year 1916-1917:

Finances

The Committee received \$7,070.00 from Registration Fees, being \$10.00 per student. Of this amount \$5,000.00 was invested in E. P. Wilbur Trust Company First Mortgage Certificates bearing 4% interest and used only as needed. On June 1, 1917, the Committee still had one certificate on hand. The interest derived from the \$4,000.00 amounted to \$45.44. The report of the Treasurer, hereto attached, shows total receipts from all sources of \$31,250.92 and total disbursements of \$30,369.48, leaving a cash balance on June 1, 1917, of \$976.45. According to statement received from the bank, the Financial Secretary has a balance on June 5, 1917, of \$603.04, but allowing for checks aggregating \$698.43 not yet charged, leaves an overdraft of \$95.39. This leaves an amount of \$1,881.06 as the assets of the Athletic Committee.

Membership

University: President H. S. Drinker, Vice-President N. M. Emery, Mr. W. A. Wilbur, Trustee.

Faculty: Professors W. L. Wilson, P. M. Palmer and H. R. Reiter.

Alumni: Messrs. E. G. Grace, '99; S. T. Harleman, '01; W. F. Roberts, '02, and Dr. W. L. Estes, Jr., '05.

Students: Messrs. A. Bach, Jr., '17, Chairman; E. L. Jenness, '17; G. E. Lees, Jr., '17; W. T. Halsted, '18, and W. C. Winterhalter, '19.

Improvements.

The permanent improvements to the athletic field were as follows:

1. Through the generosity of Mrs. C. M. Schwab, the north section of the concrete stadium was completed before the football season began. Beneath this section of the stadium a 75-yard running track has been laid out, suitable for winter and early spring practice.

2. The entire lower field has been drained, raised and re-sodded at considerable expense to the University. The only and needed improvement to complete the whole plan is a grandstand and wire protector over the baseball bleachers.

Sports.

Dr. Drinker, President of the Association of College Presidents of Pennsylvania, submitted to the Athletic Committee additional eligibility rules from the Association, which were adopted as presented.

1. A student hereafter admitted to Lehigh University from another college or university shall not be permitted to participate in intercollegiate athletic contests within a period of one year from date of admission.

2. Any student holding a degree from a recognized college is ineligible to represent Lehigh University in intercollegiate contests.

The faculty at its last regular meeting adopted a rule to the effect that all students in college shall take Physical Exercises under supervision, for the faithful performance of which credit toward graduation shall be given.

The usual detailed reports of each team will be prepared and furnished for publication in the Alumni Proceedings after the close of the fiscal year on June 30, 1917.

For the Athletic Committee,

H. R. REITER,
Secretary and Financial Secretary.

W. A. WILBUR,
Treasurer.

W. A. WILBUR, TREASURER, IN ACCOUNT WITH LEHIGH UNIVERSITY ATHLETIC COMMITTEE

Preliminary Report for Year Ending June 30, 1917

Receipts

Balance, June 30, 1916.....	\$	95 01
Sales	\$ 1,840 15	
Baseball	800 10	
Football	15,544 38	
Lacrosse	460 75	
Track	157 25	
Wrestling	407 70	
Basketball	896 15	
Tennis	29 00	
Registration Fees	7,070 00	
Investment	4,000 00	
Interest on above investment.....	45 44	
		<u>31,250 92</u>
		\$ 31,345 93

Disbursements

General	\$ 3,626 13	
Sales	3,754 23	
Football	10,277 04	
Baseball	2,096 50	
Lacrosse	1,084 79	
Basketball	2,070 79	
Track	313 94	
Tennis	44 50	
Wrestling	1,101 56	
Bills Payable	1,000 00	
Investment	5,000 00	
		<u>30,369 48</u>
Balance, June 1, 1917.....	\$	976 45

Securities

1. E. P. Wilbur Trust Co. First-Mortgage Certificate.....\$ 1,000 00

The President: The next in order of business is the report of the Tellers.

The Tellers reported as follows:

For President: H. H. Scovil, '00.

For Vice-President: F. A. Daball, '96.

For Vice-President: H. D. Wilson, '01.

For Honorary Alumni Trustee: Franklin Baker, Jr., '95.

*Dix Reunion Plan: For, 165; against, 11.

*Amendments to By-Laws and Constitution: For, 154; against, 51.

Four men wanted to vote "NO" to change in the dues, and "Yes" to change in Life Membership.

The following Associate Members were elected:

Jenkin Reese, '80

George M. Painter, '88

John C. Rogers, '10

Wharton G. Ingram, '15

Alpheus H. Albert, '16

Leslie F. Muter, '17

Philip N. Hartzell, '07

Edward Lewis, '17

It was properly moved and seconded that the various reports, as read, be accepted and spread on the minutes. Carried.

As the time was growing late, it was decided to postpone the awarding of the Reunion Cup until the afternoon.

President Drinker said a few words, advising that a Buffet Lunch would be served in the Commons, to which everyone was invited.

There being no further business, the meeting adjourned.

*Published in February, 1917, number of the BULLETIN.

COMMENCEMENT EXERCISES

Commencement exercises were held in the University Chapel on the morning of Alumni Day, Saturday, June 9. So many of the Graduating Class had been granted permission to take their final examinations early and leave for Military Camps or to take positions in engineering and industrial work, that only 32 of the total membership of 120 were present to receive their degrees.

Degrees were conferred by Dr. H. S. Drinker, President of the University, upon students from ten states and from Russia and China: Bachelor of Arts, 16; Bachelor of Science, 16; Civil Engineer, 15; Mechanical Engineer, 22; Metallurgical Engineer, 3; Electrometallurgist, 2; Engineer of Mines, 10; Electrical Engineer, 18; Bachelor of Science in Chemistry, 5; Chemical Engineer, 10; Master of Arts, 2; Master of Science, 3.

Three alumni of Lehigh received honorary degrees as follows: Doctor of Laws, Wallace Carl Riddick, '90, President of the North Carolina State

College of Agriculture and Engineering; Master of Science, Taylor Allderdice, '83. Vice-President of the National Tube Company and Chairman of the Board of Education of Pittsburgh, and Homer D. Williams, '87, President of the Carnegie Steel Company, Pittsburgh. The address of the day was delivered by Dr. Riddick, and will be found in full elsewhere in this issue.

Wallace Carl Riddick was presented for the degree of Doctor of Laws by Prof. Frank P. McKibben, in these words:

"It is the pleasure of the Faculty to present today for the degree of Doctor of Laws a gentleman who has attained success in a branch of human effort universally recognized as one of the highest and noblest, for it is in the educational world that his energies have been and are being successfully exerted.

"It is fitting that in this year of Grace, 1917, Lehigh should confer a distinct recognition upon one of her sons, for this year marks the termination of a quarter of a century of service at a great southern university. In presenting him for the degree the Faculty realizes that honor falls in part on him who receives and in part on this institution that gives.

"In behalf of the Faculty, I present for the degree of Doctor of Laws, President Wallace Carl Riddick, of the North Carolina College of Agriculture and Engineering."

In conferring the degree, President Drinker said:

"Wallace Carl Riddick, President of the North Carolina College of Agriculture and Engineering,—an institution leading in Engineering and Industrial Education in that great State which has the distinctive American impress of a citizenship composed practically wholly of American born citizens, a State of hardy, honest American men and women, loyal to its traditions of service,—patriotic,—progressive,—which rose Phoenix-like from the desolation of the Civil War, and today is known as a State striding forward in the development of agriculture, industry, and education,—to you, distinguished son of Lehigh, we tender the loving greeting of an Alma Mater whom your career as Engineer and Educator has highly honored, and we convey through you to our sister educational institutions of the South greeting and Godspeed in their work."

Taylor Allderdice was presented by Prof. Robert W. Blake, who spoke as follows:

"One of the functions of a university is the appropriate recognition of those who advance learning or extend the application of it to the uses of society. Faculties therefore not merely are devoted to teaching, but engaged themselves in the enlarging of knowledge, watch with interested eyes the achievements of those who discover new truth, or find new uses or new methods of employment of that which is already known. The attention of the faculty of Lehigh University has thus been drawn to the accomplishments of a former student of the University, Taylor Allderdice, '83. He left before completing his studies, but none the less has always counted himself, and been counted by the alumni, as one of Lehigh's sons. We of the faculty would like to believe that the brief instruction which he got from us is the ultimate cause of his career; but I suspect the truth is he is one of those gifted mortals whom Fortune or faculties cannot keep in leading strings

*Virtus recludens inmeritis mori,
Caelum negata tentat iter via.*

That is to say, they reach the goal by a path denied to common men. Mr. Allderdice is a metallurgist of distinction, is Vice-President of the National Tube Works, is Vice-President of the Board of Education of the City of Pittsburgh. By his contributions to science, by his talent for industrial organization, by his leadership in the directing of the public school system of a great city Mr. Allderdice deserves formal recognition from this University. The faculty recommends, therefore, that you bestow upon him honoris causa the degree of master of science. We shall thus have paid honor to one to whom honor is due, and one who has long been in spirit a son of Lehigh we shall have made a son in fact."

In conferring the degree, Dr. Drinker said:

"Taylor Allderdice—Worthy and distinguished son of Lehigh, honored as an industrial leader and loved by all who know him, who has not only won high place in the industries of our land, but who, with patriotic devotion, has given generously of his time and effort to the forwarding of the educational interests of the great community in which his lifework has been centered,—Lehigh looks with pride on his success and delights to extend to him this mark of her appreciation of his achievements."

Prof. Joseph W. Richards presented Homer D. Williams for the honorary degree of Master of Science, speaking as follows:

"Thirty years ago, Homer David Williams entered this University as a special student in Metallurgy. After one short year of study, embarrassed by lack of funds, he left us to work for the Carnegie Steel Company. Starting there literally at the foot of the ladder, with no recommendations but good physique, a clear head, and resolute character, he has won his way, step by step, to the presidency of that great steel company. By sheer will to master fortune, combined with engineering ability, he has become a true captain of industry—one of those pre-eminent factors in the industrial life of this great nation.

"It is not inappropriate, at this time and in these circumstances, to recite the fact that Mr. Williams' brother, Frank Williams, graduated here in the class of '87, and deceased in 1900 after a brief but successful engineering career, understood from experience the hardships which handicap the student with small financial support, and gave the larger part of his estate to his Alma Mater, as the Frank Williams Fund, to assist poor and worthy students. Every year, several students graduate from this University assisted in their struggle to get an education by the beneficence of this worthy son of Lehigh.

"Mr. President, on behalf of the Faculty and with the approval of the Board of Trustees, I present to you Homer David Williams, President of the Carnegie Steel Company, for the well-merited honorary degree of Master of Science."

President Drinker conferred the degree, using these words:

"Homer David Williams—Honored citizen of the Keystone State, a loyal son of Lehigh who in his entire life has set a striking example of devotion to duty, and in his successful career as a Captain of Industry, and now as President of the great corporation which bears the name of one of our foremost citizens, stands as a living embodiment of the engineering ideals which Lehigh has ever sought to emphasize,—Lehigh rejoices in conferring this recognition upon one who so richly deserves it."

President Drinker announced the following promotions:

A. A. Diefenderfer, A.C. (Lehigh Univ., '02), M.S. (Lehigh Univ., '08); Assistant in Chemistry, 1902-1903; Instructor, 1903-1912; Assistant Professor, 1912 to date—to

become Associate Professor of Quantitative Analysis and Assaying.

Raymond Walters, B.A. (Lehigh Univ., '07), M.A. (Lehigh Univ., '13), Instructor in English, 1911 to date; Registrar, 1912 to date—to become Assistant Professor of English, continuing also as Registrar.

H. M. Fry, E.E. (Lehigh Univ., '10), M.S. (Lehigh Univ., '15), Instructor in Physics, 1910 to date—to become Assistant Professor of Physics.

M. O. Fuller, C.E. (Syracuse Univ., '10), Instructor in Civil Engineering, 1912 to date—to become Assistant Professor of Civil Engineering.

R. L. Bartlett, S.B. (Massachusetts Institute of Technology, '10), M.S. (Lehigh Univ., '17), Instructor in Mining Engineering, 1911 to date—to become Assistant Professor of Mining Engineering.

J. S. Long, Ch.E. (Lehigh Univ., '14), M.S. (Lehigh Univ., '15), Assistant in Chemistry, 1914-1915. Instructor, 1915 to date—to become Assistant Professor of Inorganic Chemistry.

J. M. Toohy, B.A. (Lehigh Univ., '10), Assistant in German, 1908-1909; Instructor in French, 1913-1915; Instructor in Romance Languages, 1915 to date—to become Assistant Professor of Romance Languages.

Ezra Bowen, B.S. (Lehigh Univ., '13), M.S. (Lehigh Univ., '16), Instructor in Economics, 1914 to date—to become Assistant Professor of Economics.

C. L. Frear, B.S. (Syracuse Univ., '14), B.Sc. (Queen's Univ., Kingston, Canada, '16), Assistant in Chemistry, 1916 to date—to become Instructor in Chemistry.

L. E. Peabody, A.B. (Norwich Univ., '15), M.A. (Clark Univ., '16), Assistant in Mathematics, 1916 to date—to become Instructor in Mathematics.

Allison Butts, A.B. (Princeton Univ., '11), E.M. (Massachusetts Institute of Technology, '13), Assistant in Metallurgy, 1916 to date—to become Instructor in Metallurgy.

Dr. C. L. Thornburg, Secretary of the Faculty, announced prizes and honors for the year, as follows:

WILBUR PRIZES.—Freshman, Mathematics, First, \$15, Mercer Brown Tate, Jr., Harrisburg, Pa.; Second, \$10, Robert Joseph Ott, Bethlehem, Pa. English, \$15, Howard Greenwald Sommers, Allentown, Pa. German, \$15, Wilbur Reineohl Heck, Reading, Pa., and Julius Herman Spaulding, Pottsville, Pa., jointly. French, \$15, Howard Stolpp Bunn, Ashbourne, Pa.

PRICE PRIZE IN FRESHMAN COMPOSITION.—\$25, Robert Schwartz Cope, Bethlehem, Pa.

WILBUR SCHOLARSHIP.—Sophomore Year, \$200, Hsiung Tsai, Hu-chow, Chekiang, China.

WILBUR PRIZES.—Sophomore Year, Mathematics, \$10, Ralph Franklin Johnson, Washington, D. C. English, \$10, James David Sourber, Schuylkill Haven, Pa. Physics, \$10, Harold Sprague Hiller, Buchanan, Mich.

ALUMNI PRIZES.—Junior Year, two of \$25 each. Electrical Engineering, David Cubberley McGalliard, Trenton, N. J. Chemistry

and Chemical Engineering, John Joseph Early, Campello, Mass.

FRESHMAN HONORS.—Mathematics, First, Mercer Brown Tate, Jr., Harrisburg, Pa. Second, Robert Joseph Ott, Bethlehem, Pa. English, First, Howard Greenwald Sommers, Allentown, Pa. German, First, Wilbur Reineohl Heck, Reading, Pa., and Julius Herman Spaulding, Pottsville, Pa., jointly. French, First, Howard Stolpp Bunn, Ashbourne, Pa.

SOPHOMORE HONORS.—Mathematics, First, Ralph Franklin Johnson, Washington, D. C. Second, Charles Hoyt Tomkinson, Plainfield, N. J. English, First, James David Sourber, Schuylkill Haven, Pa. Second, Alfred Carl Haussmann, Fox Chase, Pa. Physics, First, Hsiung Tsai, Hu-chow, Chekiang, China. Second, Harold Sprague Hiller, Buchanan, Mich. Third, Howard David Ginder, Scranton, Pa.

JUNIOR HONORS.—Arts and Science, First, William Gregory Barthold, Bethlehem, Pa. Second, Jacob Ariel Bishop, Chambersburg, Pa. Civil Engineering, First, Leon Harold Schnerr, Pottsville, Pa. Second, Henry Nils Roest, Bethlehem, Pa. Mechanical Engineering, First, Walter Raymond Penman, Hazleton, Pa. Electrical Engineering, First, David Cubberley McGalliard, Trenton, N. J. Second, Roscoe Dimond Bean, Bethlehem, Pa. Chemistry Course, Chemical Engineering Course, First, John Joseph Early, Campello, Mass.

SENIOR HONORS.—Arts and Science, First, Miles Bertram Messinger, Bethlehem, Pa. Second, William Montgomery Hartman, Reading, Pa. Mechanical Engineering, First, Gaston Milton Levy, Norfolk, Va. Second, Christian Wilson, Jr., Greenlawn, N. Y. Met. and El. Met., First, Bernard Howard Jacobson, Baltimore, Md. Second, Lewis Bieber Kramer, Robeson, Pa. Chemistry and Chemical Engineering, First, John Bieber Schwayer, Kutztown, Pa.

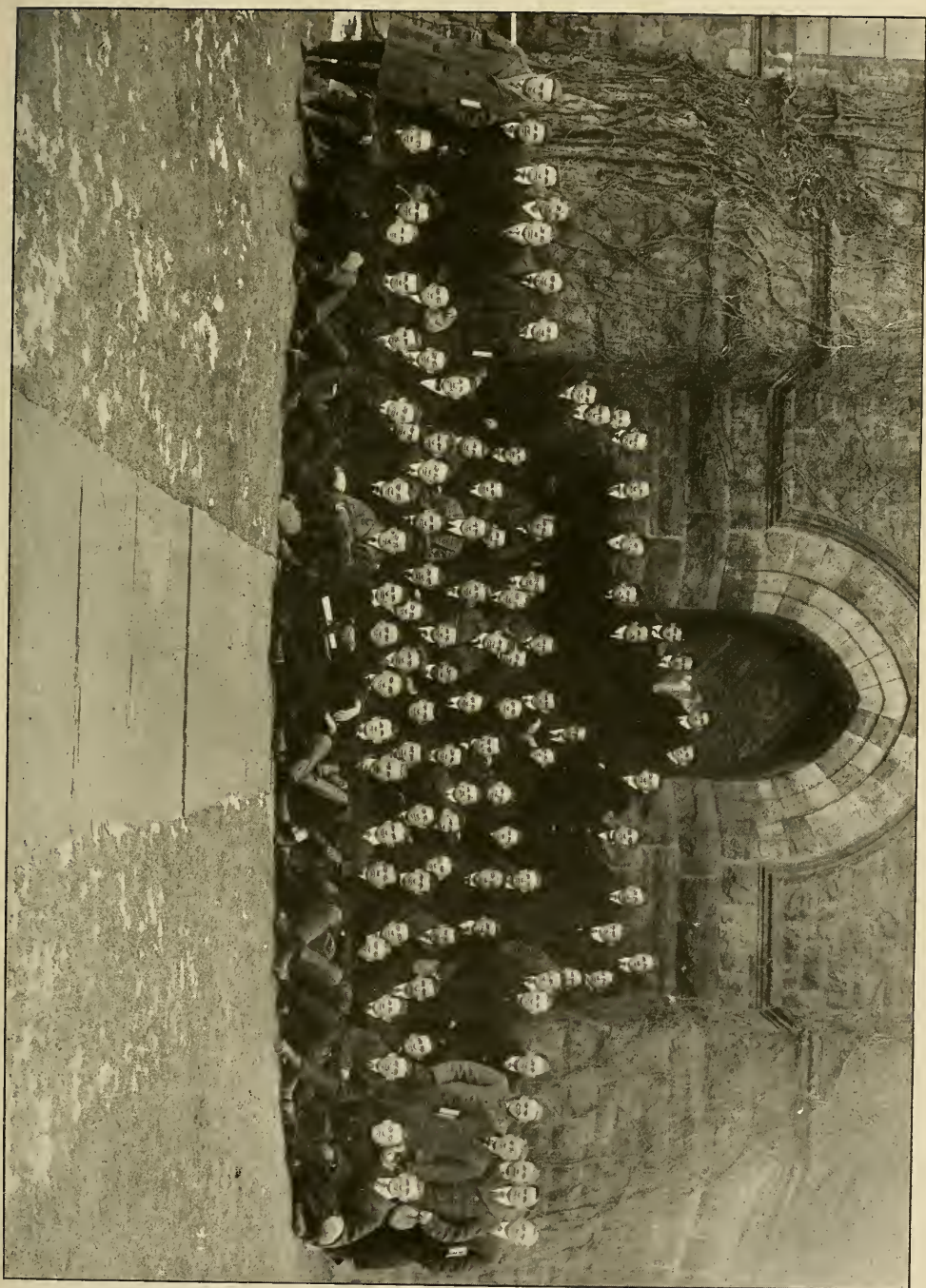
An American flag, the gift of Mr. and Mrs. J. H. Wilhelm, of Mauch Chunk, parents of the late Capt. W. H. Wilhelm, '87, who was killed in service in the Philippines in 1901, was presented by William R. Butler, '70, of Mauch Chunk, and was received for the University by President Drinker. In presenting the flag, Mr. Butler said:

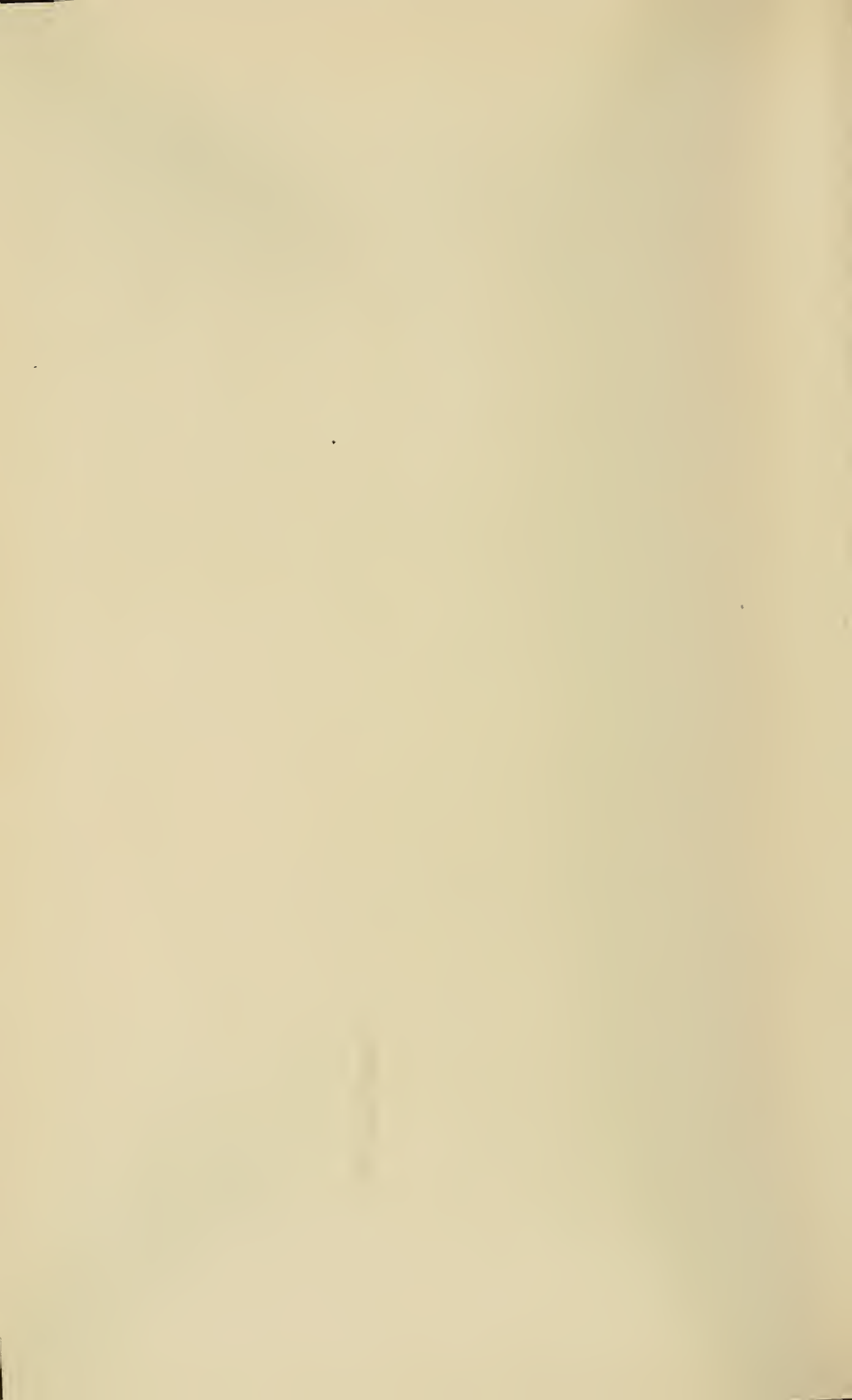
"For half a century, young men have been coming here to Lehigh, and, with the training and inspiration and ideals gained here, have gone out again into the world's activities to find their place and do their part.

"As thus around the old Alma Mater have ebbed and flowed the tides of men, each career, beginning right where we stand, would in itself furnish a life-story full of interest and value for other Lehigh men coming after them.

"I have been asked to tell you something of one such little life-story today.

"William Herman Wilhelm, son of Mr. and Mrs. James H. Wilhelm, of Mauch Chunk, Pennsylvania, entered Lehigh in 1883. The Wilhelms came from a line of distinguished Moravian ancestors. One of his ancestors





located in Germantown in 1726 and, coming under the teachings of Count Zinzendorf, removed to Bethlehem. He edited a Catechism written by Count Zinzendorf which was printed by Benjamin Franklin. This ancestor, Rev. John Bechtel, is buried in yonder Moravian Cemetery. While still in Germantown, he established a school for girls which was the nucleus of the present Moravian Seminary.

"Another ancestor was the founder of the first newspaper in Northampton County. Still another, one of the charter trustees of Lafayette College.

"While at Lehigh, young Wilhelm became, by invitation, a charter member of the Psi Upsilon Fraternity and in his first year at Lehigh a vacancy occurred at the Military Academy at West Point for the Eleventh Congressional District of Pennsylvania and, on a successful competitive examination, he received the appointment and entered West Point, the youngest man in his class. He ranked among the first in discipline and, after the first year, up to the end of his course was an officer in the Battalion of Cadets. Graduating in 1888, he was commissioned Second Lieutenant in the 10th Infantry and served in Colorado, Oklahoma, New Mexico, Indian Territory and Kansas, and was promoted First Lieutenant in 1895.

"When the Spanish War was declared he was eager for active service and was sent to Cuba. Upon his return, he was made Captain and ordered to go to the Philippines, and there, in the battle of San Mateo, he displayed such conspicuous bravery as to merit from his commanding officer the brevet of Major and was recommended for a medal of honor for bravery in action. In one of the engagements, a rifle ball passed through his hat, carrying with it a lock of his hair.

"Early in July, 1900, Captain Wilhelm was placed in charge of the Binando District, the most lawless in Manila, up to this time having taken part in eight distinct actions. He was subsequently ordered to Batangas Province with headquarters at Lipa, the second largest city in Luzon.

"On June the tenth, his thirty-fourth birthday and the anniversary of his graduation at West Point, in a fiercely fought engagement he received a mortal wound.

"His funeral at Manila on June 17th was attended by Governor Taft with the Civil Commission and a large number of officers. His body, brought to his birthplace, Mauch Chunk, was laid to rest July the thirtieth. The local escort consisted of a citizens' committee, soldiers of the Grand Army of the Republic, Sons of Veterans and other local bodies. Taps sounded by the Buglar of Artillery echoed among the hills of his boyhood home.

"Today, Captain Wilhelm's aged father and mother have come here to Lehigh and they have asked that I shall speak for them—I who have known them all my life and who knew him from his childhood. Tomorrow is the anniversary of his last fight, of that most supreme sacrifice that a brave soldier is called to make.

"In their hands they have brought this flag, and they ask you to accept it as a gift to Lehigh in memory of their boy."

Dr. Drinker, in accepting the flag, said:

"On behalf of Lehigh University I accept

with profound appreciation this flag, donated in memory of a gallant soldier, a Lehigh man, who gave his life for his country.

"It will be appropriately enshrined in Drown Memorial Hall, a building replete with alumni sentiment and memories, and under it will be hung the revolver carried by Captain Wilhelm in his campaigns and which was, some time since, deposited with the University by his kinsman, Ethan Allen Weaver.

"The example and lesson of Captain Wilhelm's life comes to us with impressive force in these latter days when our country has been drawn into a great war for the defence of liberty and democracy, and the memory of his gallant life given for his country will stand as a beacon light to the young men of today, his successors here, who, animated by like patriotism and like devotion to the flag, are ready and willing to serve and, perhaps, to die for the right."

Degrees were conferred as follows:

Master of Arts: Arthur Simon Gilmore, B.A. (Lehigh University), Williamsport; George Raymond Schmich, B.S. (Moravian College), Bethlehem.

Master of Science: Ralph Lincoln Bartlett, S.B. (Massachusetts Institute of Technology), South Bethlehem; Henry Stewart Price, C.E. (Princeton University), Brooklyn, N. Y.; Morton Sultz, E.E. (Lehigh University), New York, N. Y.

Bachelor of Arts: Edwin Franklin Abell Buxton, Govans, Md.; Loyal Richard Conrad, Bayonne, N. J.; Kyle Samuel Crichton, Bethlehem; Joseph Anton Fisher, jr., Sayville, N. Y.; Walter William Gilmore, Williamsport; Lorenzo Frederick Hagglund, Centerville, N. Y.; William Montgomery Hartman, Reading; James Knox Lees, Bethlehem; George McKinley, Olyphant; Harold Russell Merwarth, Easton; Miles Bertram Messinger, Bethlehem; Leonard Guy O'Brien, Montrose; Frederick Meredith Porter, York; Thomas Graham Ralph, Crafton; Julius Martin Rapoport, Allentown; Glen Beam Walter, Reading.

Bachelor of Science: Albert Hopkins Achorn, jr., Wakefield, Mass.; John Ayrault, jr., Tonawanda, N. Y.; John Arthur Carlson, Montclair, N. J.; Albert Wayne Chenoweth, El Paso, Texas; Robert Bell Collier, Patterson, N. J.; Victor Hugo Doushness, New York, N. Y.; Samuel Fishburn, Boston, Mass.; Austin Clement Kammerer, New York, N. Y.; Dixon Heckman Kirkpatrick, Scranton; John Rose Lee, Buffalo, N. Y.; Albert Austin Tate, Worcester, Mass.; Edward Michael Tierney, Newtown; Clarence Edward Twombly, jr., Medford, Mass.; Richard Tillinghast Williams, Buffalo, N. Y.; Wilfred Henri Wolfs, Newark, N. J.

Civil Engineer: Adolph Bach, jr., Bay-side, N. Y.; Henry Robert Boston, B.S. (College of the City of New York), New York, N. Y.; Leonard John Breen, Paterson, N. J.; Robert Geiger Cook, Hammonston, N. J.; Brant Smith Derr, Baltimore, Md.; John Luther Etter, Baltimore, Md.; Joseph Anton Fisher, jr., Sayville, N. Y.; Gilbert Cunkle Howard, Harrisburg; Charles Elwood Moyer, Bethlehem; Howard Judd Pardee, Cherry Valley, N. Y.; Fred Evans Portz, Arlington, N. J.; Lewis Babcock Ryon, jr., South Bethlehem; Harold Payne Vreeland, Butler, N. J.; John Uriah Zimmerman, Allentown.

Mechanical Engineer: Paul Jones Ancona, Reading; Frank Oscar Anderson, Baltimore, Md.; Frank Leland Benscoter, Carhondale; Walter Philip Berg, Pittsburgh; Gordon Knapp Bishop, Baltimore, Md.; Albert Leonard Buell, Hackettstown, N. J.; John Fulmer Clark, Reading; Granville Yocum Custer, Douglassville; Joseph Edwin Frobisher, jr., Arlington, N. J.; George Douglas Henderson, Oakmont; George Morgan Homewood, Baltimore, Md.; Howard Elmer Kantner, Wilkes-Barre; Albert Herbert Langenheim, Allentown; Gaston Milton Levy, Norfolk, Va.; Raymond Lamar Mohr, Quakertown; William Stauffer More, B.S. (Lehigh University), Bethlehem; Michael Repa, Wilkes-Barre; Arnold Stiff, Rosenstein, Warsaw, Russia; Christian Wilson, jr., Greenslawn, N. Y.; Joseph William Winter, Gladwyne; Hugh Wylie, New Castle, Del.

Metallurgical Engineer: Howard Frederick Appel, Everett; Norman Irwin Stotz, Pittsburgh.

Electrometallurgist: Bernard Howard Jacobson, Baltimore, Md.; Lewis Bieber Kramer, Robesonia.

Engineer of Mines: Franklin Nelson Becker, Philadelphia; Alan Edmond Dynan, Bethlehem; Lauriston Benjamin Herr, jr., Lancaster; Raymond Leon McCann, Harrisburg; William Allison Richards, Pottsville; Edward Moore Robinson, A.B. (Harvard University), New York, N. Y.; Frederick Lothar Schmidt, Brooklyn, N. Y.; Harold Jandorf Sloman, Baltimore, Md.; Daniel Swab White-man, Philadelphia.

Electrical Engineer: Marlin Olmsted Andrews, Coudersport; David Reuben Brobst, Freeland; Elwood Trout Carmichael, Elizabeth, N. J.; Curtis Lee Garrett, Baltimore, Md.; Carroll Timothy Halpin, Philadelphia; Charles Alger Hiss, Baltimore, Md.; Edgar Carroll Hummel, Hummelstown; George Clarence Kehrer, Doylestown; Chester Ward Kingsley, South Bethlehem; Hamilton Erwin McDowell, Asheville, N. C.; Prowell Stauffer Mack, Hummelstown; Frank Lynn Magee, South Bethlehem; Vernon Bender Pike, Cheltenham; Earl Stanley Rau, Elkins Park; Carroll Taylor Sinclair, Baltimore, Md.; Arthur Theodore Spies, Baltimore, Md.; Harold Francis Vogel, South Bethlehem; Ralph Schaffer Wenner, Allentown; Jesse Faust Wentz, Spring Grove.

Bachelor of Science in Chemistry: Charles Irving Anderson, Gloucester, Mass.; Wayne Hanley Carter, Phoenixville; Albert Frederick Knoss, Phoenixville; Homer Funk Meschter, East Greenville; George Sawtelle, Cleveland, Okla.

Chemical Engineer: Guy Ethan Alling, Philadelphia; Walter Brenton, Wilkes-Barre; Harry Craven Dayton, Port Jefferson, N. Y.; Philip H. Drinker, B.S. (Princeton University), South Bethlehem; George Reinohl Kinter, Harrisburg; Louis Goldthwait Mudge, Baltimore, Md.; Frederic Davis Powers, Glen Ridge, N. J.; Owen Rondthaler Rice, B.S. (Moravian College), Bethlehem; John Bieber Schworer, Kutztown; Robison Fox Walter, Lebanon.

W. C. RIDDICK, '90

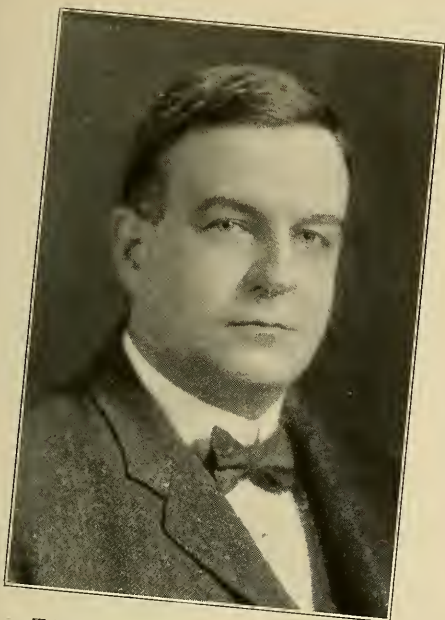
Wallace Carl Riddick was born August 5, 1864, on his father's farm, seven miles northeast of Raleigh, in Wake County, N. C.

His father was Wiley Goodman Riddick from Gates County, whose people were among the earliest of settlers of eastern North Carolina. His mother, Anna Ivy Jones, was born and raised in Wake County.

Prof. Riddick received his early education from a private tutor before entering a preparatory school at Forestville, North Carolina, presided over by Dr. R. H. Lewis. He attended Wake Forest College and the University of North Carolina, from which he graduated in 1885 with a degree of A.B. The next two years found him a teacher in the public schools of Stokes County. In 1887 he entered Lehigh University, and three years later received his degree in civil engineering. His first work in that line was as resident engineer of the Roanoke Navigation and Water Power Company's canal at Weldon, North Carolina, where he remained two years. In 1892 he was elected to fill the chair of engineering and mathematics in the North Carolina State College of Agriculture and Engineering. He has since been continuously connected with the faculty and prior to his election as president, served seven years as vice-president of the institution.

At the 1916 meeting of the Board of Trustees of the North Carolina State College of Agriculture and Engineering, Professor Riddick was unanimously elected to the presidency, a fitting testimonial of appreciation of his many years of unceasing devotion to the college.

An enthusiastic worker in the interests of good roads, Professor Riddick is a member of the North Carolina Good Roads Society, the State Highway Commission, the National Highways Association, and has served as chairman of the Wake County Road Commission. He is a member of the North Carolina Academy of Science and of the National Society for the Promotion of Engineering Education and was on the staff of Governor Glenn, with the title of Lieutenant-Colonel of Engineers. He is a member of the Kappa Alpha Fraternity, the Country Club, the Capitol Club and the Chamber of Commerce. He is affiliated with the First Baptist Church.



TAYLOR ALLDERDICE, '83
Master of Science (Hon.), '17



HOMER D. WILLIAMS, '90
Master of Science (Hon.), '17



WALLACE C. RIDDICK, C.E., '90
Doctor of Laws (Hon.), '17

THOSE WHOM LEHIGH DELIGHTS TO HONOR



Having been interested in athletic sports since a youth, when he was a member of the football team of Lehigh University, Professor Riddick has done much to encourage athletics of all kinds at the college. Riddick Field, the State College baseball and football park, is named in his honor.

Professor Riddick was married in 1893 to Miss Lillian Daniel, of Weldon. They have one son, Wallace Riddick, and four daughters, the Misses Lillian, Narcissa, Anna and Eugenia Riddick.

HOMER DAVID WILLIAMS, '90

Homer David Williams was born in Johnstown, Pa., August 19, 1863, the son of James and Jane Hamilton Williams. He was educated in the public schools and in 1880 became a carbon boy in the laboratory of the Cambria Steel Company. Mr. Williams remained there until 1885, when he left to study chemistry and metallurgy at Lehigh University. Upon completing his course in 1887, Mr. Williams became a chemist in the Joliet works of the Illinois Steel Company, where he remained but a short time, accepting a position as chemist at the Colby Mine, Bessemer, Michigan. Two years later he became employed by the Colorado Fuel and Iron Company, remaining five years as night superintendent of the Bessemer and rail mill departments.

In 1897, Mr. Williams became superintendent of the rail finishing department of the Maryland Steel Company at Sparrows Point, Md., and late in 1899 he assumed charge of the Bessemer department of the Homestead Steel Works. Three years later Mr. Williams was appointed assistant general superintendent of the Homestead plant, and in 1903 he was appointed general superintendent of the Duquesne works of the Carnegie Steel Company. In 1915, when A. C. Dinkey became president of the Midvale Steel Company, Mr. Williams became head of the Carnegie Company.

Mr. Williams is president of the Duquesne Trust Company and a director of the Monongahela Trust Company. He is a member of the University, Duquesne, German, Country

and Press Clubs and Pittsburgh Athletic Association.

TAYLOR ALLDERDICE, '83

Taylor Alderdice was born in Philadelphia on March 1, 1863, of Scotch-Irish ancestors; was educated in the Public Schools of that city. After two years at the Central High School, he started to work as a clerk in the Centennial National Bank, but was there only a short time.

In December of 1881 he went to Pittsburgh and started to work in the Homestead mill of the Pittsburgh Bessemer Steel Co., Ltd., which afterward became the Homestead Works of the Carnegie Co. In January, 1883, he left there and went to Lehigh, taking a special course. At the end of that term he went back to Homestead and remained with that Company until 1892, when he went to Pottsville as Superintendent of the Pottsville Iron & Steel Co., now the Eastern Steel Co. After remaining there four or five months, he was engaged by the National Tube Works Co., of McKeesport, to construct and operate their new steel works. He has served them in various capacities, and is at present Second Vice-President of the National Tube Co., in charge of manufacture.

In the Fall of 1890, he was married to Miss Elinor Forde Hansell, of Philadelphia, who was the first National Woman's Tennis Champion in the United States. They have six children and one grandchild.

For the last eight or ten years Mr. Alderdice has interested himself in educational matters. He was elected to the School Board in the ward in which he lived in Pittsburgh, and six years ago, when the new school code was adopted in Pennsylvania, he was appointed to the Board of Public Education of Pittsburgh by the Judges of the Courts of Allegheny County and has served as its Vice-President since its organization.

For a number of years he has been a Trustee of the Carnegie Institute of Technology, and is also on the Carnegie Hero Fund Commission, and is interested generally in civic and philanthropic matters in his community.

ALUMNI ADDRESS

of

WALLACE CARL RIDDICK, C.E., '90, LL.D., '17,

at the

COMMENCEMENT EXERCISES OF LEHIGH UNIVERSITY, JUNE 9, 1917

Having been absent from these occasions continuously for twenty-seven years with only one exception and that seventeen years ago, and having lived at such a distance as to be almost completely out of touch with my Alma Mater and student brothers, I shall indeed surprise myself if I do not say something that shall make my ignorance seem ludicrous to you. I find that I have not only failed to keep up with the new things, but have even forgotten about some of the old familiar things as they existed when I was here. For instance, I had forgotten that cost a penny to walk across the New Street bridge, and started to rush across last evening without paying. I am not surprised now that I had forgotten this in twenty-seven years, for come to think of it, some of the boys used to forget it over night. The real shock came to me when I walked up New Street towards the University and found that I was unable to locate Charlie Renig's place. I knew then that, while time had not affected the feelings of my heart, towards the dear old University, it had dimmed my recollection as to some of its most pleasant surroundings.

I thoroughly appreciate the kindness of heart that prompted Dr. Drinker, and shall do all in my power to conceal the serious mistake he made, when he insisted that I should deliver this Alumni address, for I assure you, ladies and gentlemen, that he did insist with his usual unimpeachable politeness, and that I made the proper maidenly resistance, and only agreed to accept his invitation when I feared he was on the point of giving up his insistence.

I come to you today, not with a head and mouth full of instructions and advice, for should I attempt to give these, I would soon show how poorly I have kept up with the progress of your state and of this institution, and would be advising you, and telling you how to do things which you have been doing long before we ever thought of them down in my state.

I come instead with a heart full of greetings from North Carolina to Pennsylvania; from the cotton fields to the coal and iron mines; from the textile manufacturers to the makers of steel; from the State which between 1861 and 1865 bled herself whiter than the side of the Confederacy and is ready to do as much and more in the present war for humanity, to the State which more than any other deserves credit for the preservation of the Union, and which I am sure will do her full duty in the present war to preserve for mankind their liberty, civilization and religion.

I come also with greetings from a young institution, which was founded about the time of my graduation from here, and with which I have been connected almost ever since that time; an institution which is trying to do almost alone in North Carolina what Lehigh and several other institutions

are doing in Pennsylvania; namely, to educate and train young men for useful productive occupations and professions; for, while it is not my wish to discredit or minimize the departments of Arts and Sciences which now occupy such an important place in the work of the University, nevertheless, I shall always think of this institution as it was in my day, the ideal technical college, for as such I believe it has done its greatest service to the State, the country and the world at large.

When Judge Packer established this institution for the purpose of giving the young men of the State such education and training as would fit them for the work of developing her natural resources, he helped to lay the foundation upon which has been builded the State's industrial supremacy.

The idea of technical education was at that time new—in fact, almost unknown, but thinking people, when the matter was brought to their attention, caught the inspiration at once and began to ask if some are educated for the law, the school room, medicine, and the ministry, why should not others be educated for the farm, factory, shop and laboratory, and the various productive occupations?

This new impulse which was given to education by Judge Packer and a few other far seeing men has not been confined to the technical colleges which they founded. The spirit of this impulse has entered the other institutions of higher education which used to teach only mathematics, languages, philosophy, and a little pure science, which was made as impractical as possible.

This spirit has broadened their curricula, brought their faculties in closer touch with outside affairs, and bridged the moat which had hitherto surrounded our educational castles, thus making it easier for the college graduate to get out and find his place in life, and at the same time opening the way for a greater number of those outside to come in. In this way higher education has been made more practical and therefore more useful without losing any of its cultural value.

This spirit has entered our systems of secondary education. It is establishing Farm Life Schools throughout the country, and technical high schools in our cities. It is introducing agriculture into the rural schools and other industrial branches into the urban schools, and is causing the study of science and its practical application to be considered as co-ordinate with, if not superior to, the study of languages in cultural value.

Furthermore, this new spirit is making education more attractive to the whole people. They no longer look upon a college degree as valuable only to those who enter the so-called learned professions, and as a sort of mental disorder to others from whom they must recover before they can be really successful in their work.

Education is becoming universally recognized as a real asset, because students can select those branches whose mental training and information will make them more efficient in their life work and at the same time not be lacking in those cultural effects which prepare them for citizenship and for the various social relations with their fellow-men.

It is the theory of the technical college that education will not become universal until the system be made broad enough to fill the various needs of mankind, and that the complete education should prepare the student for efficiency in his individual life work as well as for the general duties and pleasures of educated citizenship in an industrial and social democracy.

Real education consists not merely of information acquired, but must also include that mental training which enables one to concentrate, investigate and originate, and whenever a person has the complete technical knowledge of a so-called occupation, industry or trade which enables him to do this, his vocation becomes, so far as he is concerned, a profession.

It is the function of the technical institution to give this knowledge, which should be partly industrial, because it should train the hands as well as the brains of its students in the useful arts and industries. It should be altogether professional, because its graduates should go out with that thorough scientific knowledge of practical things, that mastery of theories involved, that mental training and general culture which will prepare them for original work and leadership, not only in the business or profession they may have selected, but also in the general affairs of the community, state and nation.

What then are the characteristics which differentiate the technical college from other institutions of higher education?

In answer to this question, let me say, that the courses of instruction given in technical college are more closely related to the world of material things about us, that its methods of teaching partake more of the practical, and that it recognizes the necessity of training the hand as well as the mind, and of training the mind to direct the hand, and it believes in the educational value of this training to a greater extent than other institutions.

The type of education offered in the technical college is further differentiated from that given in other colleges by the fact that each one of its courses, while no narrower in educational value than those of equal grade in other institutions, is nevertheless arranged with the intent to give preparation for some special calling in life, and because it does not recognize the heretofore commonly accepted distinction of the "learned professions," but believes that education should be democratized; it believes that men and women should be educated scientifically and practically for work in agriculture, engineering, architecture, chemistry and the manufacturing industries; that these courses of study can be made to furnish a complete educational ration; and when men and women thus educated enter them, these occupations become professions and are as much entitled to be called learned as the law, medicine, the ministry, or any other profession.

Surely no greater responsibility can rest upon any man than the operation of our mines, the construction and management of our railroads, the building and beautifying of our cities, and the management of our large manufacturing enterprises, and when many technical graduates may perhaps not reach these positions of highest responsibility, nevertheless they should be prepared for the realization of their utmost possibilities. They should be so thoroughly grounded in the science and principles involved that they will not be held to the routine of repeating old processes and methods, but shall be able to originate new ideas and accomplish new results. They should be prepared to manage men as well as machinery; to be not merely captains of industry, but leaders in our industrial and social democracy. Therefore, they should be educated not only in those branches pertaining especially to their chosen occupations, but so as to prepare them for every phase of intelligent citizenship.

The one idea above all others that I would impress upon the alumni and students of Lehigh is that our Alma Mater does not merely educate men to be engineers. It also educates engineers to be men. Her graduates are educated technical men and not simply technically educated men.

There is a somewhat prevalent opinion that the technical graduate is educated for efficiency in material affairs only, and that he is a valuable asset to the state in this respect, but that, in the finer points of citizenship he must yield supremacy to those who have been educated along different lines. In fact, there has been in the past some tendency among technical men themselves to feel that their legitimate sphere of influence extended only over material things and that their sole duty to mankind was to furnish physical conveniences and creature comforts, leaving to others the solution of all political, social, ethical, religious, and other higher problems of life.

Away with the thought! fellow alumni, and with the admission of inferiority in any respect, or the disposition to shirk responsibility. Your technical education at this institution, your experience in life, your contact with men, should have so developed your analytical, constructive and interpretive power as to prepare you for all the duties of citizenship in a democracy, as well as for leadership in those constructive operations which effect the material and social upbuilding of your state and nation.

Many of you have perhaps already acquired great wealth, and the rest of us congratulate you on having made this one step in the direction of success.

The legitimate accumulation of wealth is praiseworthy, for it is usually true that the one who acquires wealth has been able to furnish something which mankind needed, and has therefore contributed to the comfort and advancement of humanity.

Since the graduation of my class in 1890, our nation has become exceedingly wealthy—so much so that some have thought our national decay was imminent, and have quoted with solemn warning the words of Goldsmith:

"Ill fares the land to hastening ills a prey,
Where wealth accumulates and men decay."

But the ills come not from the accumulation of wealth, but from the decay of manhood, and manhood is not decayed, while patriotism exists. The supreme test of patriotism is now upon us. Some of us may be too old to enlist (though I do not wish to be understood as claiming any exemption for myself); but whether we go to the front or not, each one of us should consecrate himself to the service of his country, while this war shall last.

I am no socialist, but there are times when all that we have should be ready for our country's use.

This war, which will result in the establishment of permanent peace on earth, and the promotion of freedom and the universal brotherhood of man, will be the supreme test of our national power as well as our individual manhood, and woe to him who uses his country's distress and trial to promote his selfish personal ends.

In the words of Edwin Markham, let us
 "Break the dead branches from the path,
 Our hope is in the aftermath,
 Our hope is in heroic men,
 Star let to build the world again.
 To this event the ages ran,
 Make way for brotherhood,
 Make way for man."

Young men of the graduating class, the education you have received here has undoubtedly prepared you for leadership in the industrial affairs of your state and nation. Many of you can get rich if you want to, and it may be your duty to do this as a means to an end. But if this is the only inspiration you get from Lehigh, then you will have missed the soul of your education, for unless your education has made you more efficient for some service to humanity, and has at the same time instilled in you a sense of your responsibility to render this service, then it has failed of its purpose.

You are fortunate, young gentlemen, in that you start in life at a time when your country needs the services of its young men as perhaps never before in its history. I shall not attempt to say just how this service shall be rendered, whether as soldiers at the front, or as patriotic workers at home; but let us all remember that this is no time for selfishness or shirking, but rather for consecration to the cause of humanity, in whose behalf our country has entered this war.

And when the present crisis is past and the world has been "made safe for democracy," do not forget that as educated men, you will have other duties of citizenship which may be even more important than great success in your profession.

A selfish personal success, resulting in the attainment of wealth, influence or power will not be the fulfillment of your duty.

Your community, your state and the whole nation expect and have the right to demand that you take an intelligent interest in their general affairs—political, industrial, social and religious, and that you devote a part of your time and talents to those things which make for the uplift of all their citizens, many of whom have not had equal advantages with yourselves. God grant that you may realize fully the opportunities which your education has opened to you, and that you may accept with reverence the responsibilities it has imposed.

ALUMNI LUNCHEON

Immediately succeeding the Alumni Meeting in the University Chapel the Alumni were entertained by the University at a Buffet Luncheon in the Commons. The luncheon was excellent and the speaking which followed stirred the great crowd present to an unusual degree. Dr. Drinker presided and called first upon Charles M. Schwab, Dr. Eng. (Hon. '14), who, in addressing his fellow alumni of Lehigh, struck the note of patriotism that dominated the luncheon.

"How few of us," said Dr. Schwab, "realize that one-third of all the wealth of the world is in this United States of ours? Nature has endowed us as she has no other land. But more important than wealth are the liberty and the institutions of our country. It is these that we should be willing to make any sacrifice to preserve."

Dwelling upon the new scale of values that the present war has brought about, Dr. Schwab declared that the great task has become the solving of industrial problems in warfare.

He told of a talk two and a half years ago with Earl Kitchener in the War Department of Great Britain. "I heard this great officer say that this struggle is not to be decided soon and it is not to be decided by all the soldiers the Allies can muster. It is not numbers that count. This is not a war of men; it is a war of machines. It will be decided upon the industrial factor."

Dr. Schwab then quoted the Rt. Hon. A. J. Balfour, who, while in this country as head of the British mission, declared that the Bethlehem Steel Company had contributed more to the successful issue of the war to date than any other single force. "The highest reward any of us at this plant could ask would be to have it said again, at the close of this terrible conflict, that Bethlehem Steel has been one of the factors in settling the issue upon the side of right."

In the first half of his address, Dr. Schwab discussed Lehigh family affairs. "This is a fit and appropriate time to say what I have to say about the great President of our University, Lehigh now has, and for many years has had, a distinguished faculty. There is not the least reflection upon these gentlemen in my saying that it has been Dr. Drinker's participation in national movements and activities that has brought Lehigh forward, step by step, in the opinion of the people of the United States."

Dr. Schwab, after facetious references as to the early careers of Messrs. Allderice and Williams, both of whom served under him in the Carnegie Steel Company, paid tribute to the worth and the character of both of these recipients of Lehigh's Master of Science degree. "It is upon the shoulders of such men as you have honored today that the industrial and economic welfare of the country rests. I have known them for twenty-five years and I say to you that no two men more typical of American greatness in this field could be found. I congratulate these two friends of

mine and I congratulate the body of educators here at Lehigh who have thus recognized that achievement in industrial life is as worthy and as honorable as in any other high calling."

Introducing Dr. H. R. Price, '70, President of the Board of Trustees, Dr. Drinker jokingly referred to the fact that he was a Freshman at Lehigh when Dr. Price was a Sophomore and that he had received his early "training" from Price. In answering Dr. Price said:

"It is always a pleasure for me to be present at any Lehigh gathering. I am sure that never before have I been so flattered as I am today in Dr. Drinker's introductory remarks. The compliment I appreciate the more, for it only illustrates the far reaching effects of suggestion and discipline as directed towards a Freshman. I assure you though that I never expected any oversight or direction I gave in those early days would have so great an influence as to determine the successful course of his work at Lehigh. It is 50 years ago that I completed my Freshman year, being in the first class that entered Lehigh at its opening, September, 1866. I have seen with Dr. Drinker this development on South Mountain from one building on the ground, Christmas Hall, to what you see now. I have also followed with wonder the development of this great steel plant along the Lehigh, from the small mill controlled by our dear friend John Fritz in those early days. Wondrous changes indeed, changes that the dreamers of the days long ago never visualized. All this is work indicative of what can always be done when there exists a common purpose, unity of interests, and persistent effort. It suggests to me what must be the keynote these coming years, the most critical in the life of this country and the history of the world. There must be a blending of varied interests in a common purpose, a unity and persistence of effort requiring all to stand side by side, shoulder to shoulder. Yes, it must be

"Shoulder to shoulder, each man in his place, Shoulder to shoulder and right about face, We've a duty to do, ere we grow a day older And the way we can do it is shoulder to shoulder.

"Shoulder to shoulder, each man in the line, Shoulder to shoulder, the flag for a sign; Yes, let us not weaken, but let us grow bolder, And rally and sally with shoulder to shoulder.

"Shoulder to shoulder, each man in his might, Shoulder to shoulder, we fight for the right. The land of our love, may our courage enfold her May we work, and not shirk, for her, shoulder to shoulder."

President Drinker then called on Dr. William C. Thayer, Professor of the English Language and Literature, who spoke on behalf of the Faculty.

Dr. Thayer extended a hearty welcome to the Alumni, telling them that the Faculty's interest did not cease when they graduated, but followed them into the broader field of life, where they were gathering from the school of experience a rich fund of knowledge. "And upon that fund of experience and extended knowledge we too ought to be enabled to draw, through you, for the better guidance of those who follow you in these halls of learning."

Dr. Thayer spoke also of Lehigh's response to the country's need. "To not one legitimate appeal of patriotism have our students failed to make a ready and loyal response. If in this matter the Faculty have seemed in any degree to have acted as a 'drag on the wheel,' that has been due to an earnest desire to do what was for the best interest of our students, that in the long run they might be better fitted for efficient service to their native land."

Dr. Drinker next called on Henry H. Scovil, '00, President of the Alumni Association. "Hank" spoke in a "happy" vein.

"I am happy to see so many of you back and happy to be back myself. I am happy in the fact that the University showed up Homer Williams and Taylor Alderdice. I am happy to think that Mr. Schwab thinks enough of us to be here and give us such a wonderful and inspiring address.

"I am happy in knowing that you do not care any more about hearing me speak than I care about speaking, and so I will end by saying to you that I believe Lehigh and Lehigh Alumni have taken a great step forward today in securing Walter Okeson as a permanent Alumni Secretary, and that you must tell all the Lehigh men you see about it, and that the slogan of Lehigh men from now on is 'Help Okie to help Lehigh.'"

Rt. Rev. Ethelbert Talbot, of the Board of Trustees, was then called upon and spoke as follows:

"I was congratulating myself that as I was not on the program and had not been asked to speak on this occasion, I should surely have the good fortune to escape and so I have been enjoying the genial presence and conversation of Mr. Schwab and even more genial presence of Mrs. Schwab. But in response to the request of our President that I say a few words, allow me to remark that while we miss the usually large number in the graduating class this year, we feel a just pride in Lehigh's patriotic spirit as shown by the fact that our University has already contributed its full quota from the student-body to the defense of the country in answer to the President's call. Among the number who have gone forth, our graduating class was largely represented.

"Under the inspiration and leadership of President Drinker, Lehigh was one of the first Universities in our country to interest itself in preparedness and our men were early awakened to the duty of playing their part in national defense if called upon.

"Indeed the crisis which now confronts our country is one that appeals strongly to the loyalty and devotion of every true American

heart. If ever there was a righteous cause and a war waged for the vindication of justice and the defense of humanity, the present international conflict is such a cause and such a war.

"We have embarked in this war only after we had done all in our power to avert it. We have gone into it in order to bring about a permanent peace.

"And in urging the American people as I go from place to place throughout the country to throw themselves enthusiastically and with whole-hearted devotion, into the prosecution of this war for freedom and the rights of humanity, I always feel that I am preaching the Gospel for which an enlightened Christianity stands. Hence though a man of peace, and a strong believer in good-will among the nations, I have been characterized by the papers as a fighting Bishop. I believe that the more fully and unreservedly every man, woman and child in this Republic do their part in this contest, the sooner will this ruthless barbarism and inhumanity, which has so long disturbed the peace of the world, be brought to an end.

"Let us all help to hasten the day when peace, and happiness, truth and justice, religion and piety, may be established among us for all generations."

The patriotic note continued through the address of A. A. Hamerschlag, Sc.D. (Hon.), '07, President of the Carnegie Institute of Technology. He spoke inspiringly of the duty that lay before Lehigh in common with all colleges and especially the technical schools.

Then our two Masters of Science, Homer Williams, '87, President of the Carnegie Steel Co., and Taylor Alderdice, '83, Vice-President of the National Tube Co., spoke briefly and punctuated their remarks with several sly digs at each other and their fellow Alumnus and former "boss." Mr. Schwab.

Walter Forstall, Secretary of the Class of 1891, awarded the Reunion Cup, which was received by W. Frank Roberts, '02, on behalf of the winners of the Class of 1902.

"The Battle Hymn of the Republic" was sung by Mrs. Butler, wife of William R. Butler, M.E., '90.

Throughout the speaking the enthusiasm of the Alumni was notable. That patriotism which filled every heart had a chance to vent itself, and loyalty to our college and our country inspired the Alumni, who cheered every speaker to the echo. Altogether it was a memorable luncheon.

Award of the Reunion Cup.

The second award of the Reunion Cup was made on Alumni Day. This year, the cup was won by the Class of 1902, who brought back to their fifteenth reunion, 20 men out of a possible 75, which gave an attendance of 26.7 per cent. The Class of 1892 was not far behind. The announcement of the award was made at the close of the luncheon on the Commons, when the Chairman of the Award Committee called upon Mr. Laramy, of the Class of '96, who won the cup last year, to hand it over to the class of 1902, Mr. W. F. Roberts receiving it for the class. It is hoped that this actual handing of the cup from class to class will become a permanent feature of every Alumni Day.

CLASS REUNIONS

The big Reunion was of the Class of "Everybody's Class, '66." All the Alumni whose classes held no special reunions were adorned with attractive badges with the numerals '66, signifying the year the University opened its doors.

The Class of '87 held its thirtieth reunion with 11 members present out of a total of 88. Their banquet was held on Friday night at the Northampton Country Club.

The Class of 1892 had as their slogan "Help Capture that Reunion Cup" and the response of the members was such that 22 out of a possible 105 were present. Their banquet was held at the Elks Club, Allentown, at 8 o'clock, Friday night.

1902 were the winners of the Reunion Cup, with 20 members present out of an enrollment of 75. They banqueted at the Lehigh Country Club on Saturday night.

The five year reunion of the Class of 1912 was held in the American Hotel, Bethlehem. This Class had a total of 29 present out of a possible 206.

The Class of 1907 held no regular reunion as their ten year reunion was moved ahead a year to correspond with the jubilee celebration of the University a year ago.

The Editor's Page

Our retiring Editor, Mr. Raymond Walters, whose "child" this publication is, and whose splendid service has made this magazine a success, is a practical newspaper man and professor of English. Your new Editor has no knowledge of the newspaper game, and far less than is desirable of the dreaded English Grammar. Mr. Walters was able to preserve an entirely impersonal tone, and at the same time have this publication a bright, breezy newspaper. I will try to give you as much news, but I fear it will not be up to Mr. Walters' standard in many particulars. Also I will be unable to preserve the impersonal touch, and you see that the editorial "we" has already disappeared. It is necessary for me as Secretary of the Alumni Association to talk to you, my employers. And the ALUMNI BULLETIN is too good a medium to be overlooked. Therefore, I will talk to you in its columns, just as I will talk at your club meetings, in your offices and in my letters to you. Everything that you as alumni should be interested in, I intend to speak to you about in an absolutely frank way. I am going to try to keep you in touch with the college life, the University plans and policies, the work of the Alumni Association in its every phase. I have no private interests to serve, not even my own. I have taken this job because it seemed my duty and because I believed that I could serve Lehigh. It means nothing to me from a material point of view. I have no pet theories of my own nor of any one, be he trustee, University authority, or alumnus, that I want to advance. I will try to be broad-minded and open to conviction, and having informed you of all the facts and listened to your comments, will endeavor to reflect in these pages your point of view, as well as I can gauge it. On your side I bespeak your patience and good-will, especially during the early months of my service.

The Alumni Proceedings, which have heretofore been published as a separate book, we have merged into this August number of the BULLETIN. Much of the matter it would have been necessary to publish in this number in any case. Therefore, it seems best to save the added expense in printing and postage and give at once the data usually incorporated in the Proceedings. This has cut down somewhat the space usually devoted to news, but as news is scarce in the summer months, and the Editor pretty green at the job of collecting it, this seemed an argument for instead of against the plan. Unless it meets with disapproval from the majority of the Alumni, the plan will be continued in the future. I might say, that this idea was not my own but Prof. Lambert's, and furthermore that our retiring Secretary, who so splendidly and loyally served the Alumni Association for the past sixteen years, has already helped me over a lot of rough places.

We want a circulation of 10,000 instead of 5,000 for the BULLETIN. We have fixed a nominal subscription price of twenty-five cents a year, upon the payment of which any Lehigh man can have it sent to any address he names. If every Lehigh man were to send it to one reading room or to one friend, the result desired would be accomplished. As every one will not "come through," some will have to do more than their share. Will you who are reading this pick out in your town four men or institutions who should have the BULLETIN and then send us a dollar to pay for the four subscriptions? Every Y. M. C. A. should have the BULLETIN. Every High School and Preparatory School. Every employer of engineers, and every bright young man of your acquaintance who is thinking of going to an engineering school. Help to swell our list of subscribers and also help us to swell the number of advertisers. Make the BULLETIN a paying proposition. **It will be worth your while!** Make the BULLETIN a revenue producer and we will devote the revenue to building up a clearing house for the products of Lehigh men. Be the products engineering services or steel rails, we will help you sell them. Only don't wait for the other fellow to help us. Jump right in and help us yourself!

ON THE FIRING LINE

It is our intention to run a special department covering the activities of all Lehigh men who are serving the country, in any capacity, during the war. Especially we want news and letters from men in training or at the front. The addresses to which the BULLETIN can be forwarded we must have if the men at the front are to get it, and thus keep in touch with what the other Lehigh men are doing, and get the news from their Alma Mater. We not only want news from the men in service, but we want to know what they lack in creature comforts, so that we Alumni who are unable to serve actively can at least contribute to the comfort of the Lehigh men who are serving. Send in your forwarding addresses and give us the news, you Lehigh men of the Army, the Navy, the Engineers, Medical and Ambulance Units. Also men in the Munition or Ordnance Plants, or in any other branch of war work. We are deeply interested in you and you are naturally anxious to know what the other boys are doing. If you read about the other fellow and don't tell us about yourself, you are cheating him out of his fair return. We appeal also to the family and friends of any Lehigh man who is serving, to write to the ALUMNI BULLETIN, Drown Hall, South Bethlehem, Pa., giving us his address and the nature of his service, as he may not see this or lack the opportunity to respond.

With the Naval Consulting Board

Joseph W. Richards, A.C., '86, M.S., '91, Ph.D., '93, Professor of Metallurgy in Lehigh University, is devoting his summer vacation to work of the Naval Consulting Board at the Navy Department, Washington, D. C. Dr. Richards handles all of the various suggestions and inventions submitted to the Board.

Phillips, '90, on Camp Board

The District Government which is represented in the Officers' Reserve Corps training camps and in various branches of Uncle Sam's fighting forces, is planning to do its bit in the matter of establishing the big concentration camps that are to be ready, by

September. In this work it will be represented by Asa E. Phillips, '90, engineer of the Washington, D. C., sewer system, who has been asked to serve on the committee, headed by Fred'k L. Olmstead, that will design and plan the camps. Mr. Phillips, who designed and built the District's sewer system, and is regarded as one of the country's experts in this line of work, will devote his attention to the problem of providing proper sanitation in the thirty-two cantonments which are to be located in different sections of the country at a cost approximating \$2,000,000 each. Other members of the committee who will be associated with Mr. Phillips in the work are George W. Fuller, of New York, and Leonard Metcalf, of Boston.

Officers' Reserve Corps.

G. E. Shepherd, '94; H. D. Baldwin, '14; K. G. Van Sickle, '14, are Lehigh men in the Wilkes-Barre district, who were reported last May as seeking commissions in the Officers' Reserve Corps. We would appreciate letters from them telling of their experience.

Letter from Fort Sheridan, Ill.

Ray C. Kautz, '05, writes from Fort Sheridan that he and John Dent, '05, are at the above camp, "giving Uncle Sam a chance to find out if he can use them in the little difficulty he has on his hands." When he wrote he expected to be transferred, with the other engineers, to Fort Leavenworth for additional training. He says: "My copy of the May ALUMNI BULLETIN arrived yesterday, and it was just like getting a nice long letter."

Letter from Fortress Monroe, Va.

De Courcy Browne, '07, writes from Fortress Monroe saying: "I left for Plattsburg on May 12th and came here June 15th in the Heavy Artillery. Yesterday I was offered a First Lieutenancy in the Ordnance Department, but I believe I will turn it down, as it would probably land me in Pittsburgh inspecting steel, and I am more interested in going to France with one of the new '14' guns which are now ready."

to the front, and, by persistent endeavor, coupled with the co-operation of his board of trustees, placed her where she is today—out of debt, and capable, with rigid economy, in normal times, of educating a student-body of eight hundred. But Lehigh must have more income. Lehigh must build, for Lehigh must keep pace with other engineering schools. Just now Lehigh badly needs an administration building, which, with endowment, would cost about \$60,000.00. Just now Lehigh badly needs houses on the campus for the use of members of the faculty. She needs an Alumni Endowment of a million, rather than less than \$200,000.00, as it is today. Lehigh needs assistance. She needs the support of her seven thousand sons, and not all of it in Lehigh songs and Lehigh yells. She needs "iron men."

I am sure you would prefer the assistance I speak of to come from within, rather than from without. We would all appreciate Lehigh more, built up and cared for by Lehigh men, than Lehigh built up and cared for by some foundation, probably with a string tied to it. So when you compile your list of charities, remember your Alma Mater. If you feel the need of some justification, remember this: The money expended upon education and educational facilities at Lehigh since her inception, divided by the number of matriculations, gives a quotient of something like \$1850.00. If you subtract from this sum the amount paid toward your education by your "Dad" you will have a balance which someone else paid. Then you can decide whether you want to keep the cost of your education within the family or not. This will immediately bring to your mind the fact that you would be highly insulted if a person offered to pay 60 per cent. of your tailor bills in order to have you properly dressed.

The great majority of us have not yet reached the state where we can contribute large sums. Man only reaches the endowment state when he has gained a competency. We can all help, though, by "doing our bit," and the first "bit" is paying your dues, as, by so doing, you enable the Secretary to place the larger matters before our

plutocrats in an intelligent and businesslike manner. In other words, you can "Help 'Okie' to help Lehigh."

Walter R. Okeson, '96, Secretary and Active Head of the Alumni Association, maintains an office in Drown Hall. He will complete and keep an up-to-date list of all Lehigh men. He will furnish all Lehigh Clubs with their mailing lists, and will attend all club meetings in person. He will edit the ALUMNI BULLETIN and thereby endeavor to keep you well informed of all Lehigh affairs. He will run an employment agency for Lehigh men only. He will supervise all Alumni Day festivities and act in co-operation with all reunion class secretaries, making all arrangements in Bethlehem and attending to the details thereof.

Barry H. Jones, '94, Treasurer of the Alumni Association, will maintain an office in Drown Hall. From the knowledge acquired as Treasurer of the Bethlehem Steel Corporation, Barry should handle our affairs in a satisfactory manner. We are working on that basis.

Howard Eckfeldt, '95, Archivist of the Alumni Association, will maintain an Archive Room in Drown Hall. Howard is the best Archivist we have ever had. If you don't believe it, ask him to show you some of the concentrating machinery used by the original, murderous, village cut-up, Cain, when he smelted and forged the first copper knife.

The rest of your directors and executive committee, Schuyler B. Knox, '93; Ralph M. Dravo, '89; Robt. S. Perry, '88; Franklin Baker, jr., '95; F. A. Daboll, '96; H. D. Wilson, '01; and your humble servant (who appreciates from the bottom of his heart the great honor of being a two-term President), will, so long as in office, endeavor to aid wherever and whenever they can. I suppose each and every one of us will be able to give the Secretary many thousand dollars' worth of advice, which, if he is wise, he will not heed at all, for his is a job of selling "heart throbs," and salesmen are born, not made.

Yours very truly,

H. H. SCOVIL, '00,
President, Alumni Association
of the Lehigh University, Inc.

MINUTES OF THE ANNUAL MEETING OF THE ALUMNI ASSOCIATION OF LEHIGH UNIVERSITY

(June 9, 1917)

The meeting was called to order by the President of the Association, Mr. Henry H. Scovil, '00, at 12 o'clock, in the University Chapel. It immediately succeeded the Commencement Exercises, which this year were celebrated on Alumni Day.

The President: After first extending a hearty welcome to the new class of 1917 we will proceed at once to business. First of all, Mr. Forstall, who is Chairman of the Award Committee for the Reunion Cup, would like to have the reports of the credits of the various Reunion Classes handed to him so that the cup may be awarded, if possible, before we close the meeting.

Minutes of last annual meeting read and approved.

The President: We will dispose with roll-call and take the roll from the registration cards that have been filed in Drown Hall, and the next in order is the report of the Trustees of the University.

The following Financial Statement was then presented by Mr. W. A. Wilbur, representing the operations of the University for the year ending March 31, 1917. The large operating surplus was due to accrued income held by the Estate of Asa Packer and not turned over to the University until the past fiscal year.

LEHIGH UNIVERSITY

*STATEMENT OF OPERATION FOR YEAR ENDING MARCH 31, 1917

Receipts

Income from General Fund.....	\$ 205,655 34	
Income from Alumni Fund.....	4,732 30	
Income from Coxé Laboratory Fund...	3,978 94	
Income from Forestry Fund.....	523 22	
Income from John Fritz (net) Fund...	5,624 91	
		\$ 220,514 71
Cash from Students—Tuition Fees....	\$ 123,979 74	
Cash from Students—Registration Fees	8,070 00	
Cash from Students—Graduation Fees.	1,030 00	
Cash from Students—Department Fees	32,414 14	
		165,493 88
Cash from Commons—Meals	\$ 30,634 97	
Cash from Taylor Hall—Rentals.....	11,113 65	
Cash from Price Hall—Rentals.....	2,371 00	
Cash from Drown Hall—Recreation...	779 97	
Cash from Drown Hall—Supply Bureau	2,667 99	
		47,567 58
Rent		360 00
Interest on Loans to Fraternities.....		1,304 37
		\$ 435,240 54

Payments

Salaries—Teaching and Operating Force.....	\$ 175,467 97
Grounds—Repair and Upkeep.....	\$ 4,221 18
Repairs—General	3,018 58
Expenses—General	12,380 37
Heat and Light—General	10,886 79
Gas	477 30
Water	923 09
Printing	2,007 91
Postage	1,060 27
Advertising	407 22
Insurance	1,017 62

Water Analyses (net).....	264 57	
Library—Pamphlets, etc.....	1,087 51	
Department of Forestry—Excess of Receipts	308 61	
Prizes Awarded for Non-income Producing Funds	152 00	
Interest on Loans.....	1,882 56	
		\$ 40,095 58
Registration Fees—Athletic Association.....		8,070 00
Departments—Expenses	\$ 27,707 76	
Returned to Students....	4,753 66	
		32,461 42
Commons—Expenses	\$ 32,116 40	
Taylor Hall—Expenses.....	7,539 59	
Price Hall—Expenses	1,214 50	
Drown Hall—Expenses	4,990 09	
		45,860 58
		\$ 301,955 55
		\$ 133,284 99
Payments to Capital Account.....	\$ 21,261 87	
Advanced to Fraternities.....	13,050 00	
To reimburse Lehigh University for advances made account 13th Account of Estate of Asa Packer...	90,694 13	
		\$ 125,006 00
Operating Surplus for year.....	\$ 8,278 99	

* Information as to the investment of the Endowment Funds of the University will be furnished to any Alumnus desiring it.

President Scovil then called for the Minutes of the Executive Committee.

MINUTES OF THE EXECUTIVE COMMITTEE

June, 1916, to June, 1917

APPOINTMENTS.—The Executive Committee made the following appointments:

Taylor Allderdice, 1883, was appointed a member of the General Committee on Alumni Endowment Fund.

Walter Forstall, 1891, was appointed a member of the Committee on Award of the Class Cup.

E. G. Grace, 1899, and S. J. Harleman, 1901, were elected members of the University Athletic Committee.

The Secretary and Treasurer of the Alumni Association, P. A. Lambert, 1883, presented his resignation, effective immediately after the close of this meeting. The resignation was accepted.

Walter R. Okeson, 1896, was elected Secretary and Barry H. Jones, 1894, was elected Treasurer of the Association.

INCORPORATION OF ALUMNI ASSOCIATION.—The Executive Committee recommends that the Association be incorporated and that the President of the Association be authorized to appoint a Committee with power to act, using the present Constitution and By-Laws and to make such changes as may be found needful to comply with the Incorporating of the Association.

REUNION CUP.—Rule I, governing the award of the Reunion Cup, has been amended as follows: The Cup is presented as a perpetual trophy for annual competition among the Reunion Classes of Lehigh University; such

Reunion Classes to be specifically designated each year by the Executive Committee of the Alumni Association. All such classes may compete for it irrespective of date of graduation or size of membership.

Bills amounting to \$2334.00 were presented by the Treasurer and approved by the President.

P. A. LAMBERT,
Secretary.

H. H. SCOVIL,
President.

The President: Gentlemen, you have heard the reading of the minutes of the Executive Committee; a motion is now in order that they be accepted, and the recommendation of the Executive Committee adopted.

On motion, properly moved and seconded, the minutes were approved and the recommendation of the Executive Committee adopted.

The President: The next order of business is the report of the Secretary and Treasurer.

REPORT OF THE SECRETARY

June, 1916, to June, 1917

The government service questionnaire, sent to all Lehigh men, has brought in 1524 responses to June 8. These responses are sent to Washington from time to time as the Government calls for them.

The July, 1916, issue of the BULLETIN cost the Association \$319.95. Since then the advertisements have made the BULLETIN self-supporting.

The following Lehigh men have died during the year:

Albert H. Frey, 1915.
Frederic Z. Schulte, 1877.
John R. Bannan, 1888.
John Stover Riegel, 1890.
Howard D. Hess, 1896.
John W. Beyer, 1907.
Henry A. Haas, 1911.
Frank F. Drinkhouse, 1871.
John T. Hoover, 1891.
Edmund G. King, 1907.
Charles W. Deans, 1916.
William Atkins, 1873.
Wyndham Stokes, 1888.
Beekman Du Barry, 1895.
C. W. W. H. Pocock, 1905.
Thos. W. Clarke, 1912.

Two additional applications for Associate membership, too late for print-been received:

Philip N. Hartzell, 1907.
Edward Lewis, 1917.

The number of qualified voters today is 633.

The success of the new plans under which the Alumni Association is to be operated requires the enthusiasm of a new Secretary. I have therefore handed in my resignation as Secretary and Treasurer to the Executive Committee, to become effective immediately after the day of this Annual Meeting.

I take this opportunity to thank the members of the Alumni Association of Lehigh University for their uniform consideration and courtesy throughout the past sixteen years.

P. A. LAMBERT, Secretary.

Harper & Bros., New York, recently published "To the Last Penny," the latest novel of Edwin Lefevre, '91.

The Proceedings of the National Academy of Sciences, Vol. 3, pp. 171-177, March, 1917, has an article by William Bowie, '95, on "The Gravitometric Survey of the United States." Mr. Bowie is recognized as an authority on Geodetic problems and a number of articles from his pen have been published.

"From Pioneer Days to the Era of Steel" was the title of a sketch of Bethlehem's musical history in a recent issue of "Musical Courier," written by Raymond Walters, B.A., '07, M.A., '13, Registrar and Assistant Professor of English, Lehigh University.

In its publication of "City Planning Progress in the United States,—1917," the American Institute of Architects has brought to completion a monumental work. The book is edited by George B. Ford and Ralph F. Warner, '08. Although the volume has the exhaustiveness of an encyclopedia, it is as fresh in its material as a newspaper.

The mass of material obtained from between two or three hundred communities has been so well boiled down that less than two hundred pages suffice to tell clearly and interestingly the City Planning ambitions of all these communities.

The book is not copyrighted. Newspapers and civic bodies are invited to quote from it, to the end that through its means the ideals of City Planning may be extended to the utmost.

NEWS OF LOCAL CLUBS

Philadelphia Lehigh Club Has a Great Outing

On Monday, May 21, the Philadelphia Lehigh Club held its annual outing and shad dinner at the Risedale Inn, Essington, Pa. This proved to be the most interesting and enjoyable of all their outings, as the program was one that was most unusual. At four o'clock in the afternoon the members and guests witnessed at the Army

Aviation School at Essington (the Old Orchard) an exhibition of Hydro-Aeroplane Flying. Later a visit was made to the yards of the Essington Shipbuilding Company, where, through the courtesy of the Company, an inspection of the Submarine Chasers was permitted. At six o'clock came the "Royal Planked Shad Dinner," and as usual, it was a wonder. A real Lehigh dinner, with abundance of enthusiasm, lots of good speakers, and best of good fellowship. The Committee in charge of the dinner was composed of Joseph Steinmetz, '00, Chairman; H. W. Dubois, '92; R. H. Morris, '89; F. Baker, jr., '95; E. T. Murphy, '01, and H. Blanchard, '10. Of course most of the work in preparation was done by the Club's indefatigable Secretary, Moriz Bernstein, '96. "Bernie" also saw to it that the Philadelphia papers gave the occasion a splendid "write-up," giving Lehigh some very desirable publicity.

L. U. Club of New England

The annual meeting of the New England Club was held on Friday night, May 18, at the Brunswick Hotel in Boston, the following being present: Wm. D. Hartshorne, '74, President; H. H. Davis, '92, Secretary and Treasurer; H. W. Rowley, '85, Executive Committee; D. K. Dean, '06, Executive Committee; W. J. Lloyd, '92; H. P. Reno, '04; A. O. Fulton, '08; W. F. Odom, '13; Schuyler S. Clark, former instructor, '96-'99.

Owing to the small number present, it was unanimously decided to postpone the election of officers and the handing in of the annual reports of the Secretary and Treasurer until the regular meeting in the fall, scheduled for September 28, 1917.

It was suggested at this meeting that the dues be increased to \$2.00 per year.

At this meeting A. O. Fulton, '08, gave a very interesting talk on "Steel for the Manufacture of Arms and Ammunitions." Every one was deeply interested and the address called forth numerous questions from those present, which were answered to their satisfaction.

The Lehigh University Club of New England has donated to the Boston Public Library, one complete set of the current publications issued by the student-body, for the collegiate year just completed, as follows: "The Brown and White," "The Burr," "1918 Epitome."

The secretary, H. H. Davis, of 24 Milk Street, Boston, will appreciate receiving notices of change of address of any Lehigh man in New England, as it will prevent waste of time and money in mailing postal cards, etc., to vacated addresses.

Four meetings will be held during the coming year, in September, December, March and May. It is earnestly hoped that Lehigh men in New England will attend these meetings in large numbers.

MARRIED

Coutant—Benz

Mrs. Hedwig A. Benz and Mr. George Curtis Coutant, M.E., '00, recently announced their marriage, which took place in Brooklyn, N. Y., on the 12th of June, last.

Nolan—Fulmer

Announcement was made today of the marriage of M. Wm. Nolan, '06, of Pittsburgh, and Miss Bessie Mayo Fulmer, of Park Avenue, Bethlehem, at Allentown, on June 27. The groom is well and favorably known here, having been for some time in the employ of the Bethlehem Steel Company. He is now an expert on combustion blast furnace gas. The couple will be at home at No. 23 East Montgomery Avenue, Pittsburgh, after August 1.

Professor McKibben, head of the Civil Engineering department, has been elected Second Vice-President of the Engineers' Society of Pennsylvania.

Toohy—Bryant

Miss Camilla L. Bryant and Thomas A. Bryant announce the marriage of their sister, Julia Mortimer, and John Milton Toohy, B.A., '09, Assistant Professor of Romance Languages, on Saturday, June 30, 1917, Marble Dale, Connecticut.

OBITUARY

Alexander P. Shaw, '85

Alexander P. Shaw, for many years principal examiner of the Electrical Division in the Patent Office, and a life-long resident of Washington, D.C., died of acute dilatation of the heart on March 26, 1917.

He was born in Baltimore, Md., and was the son of William B. Shaw, for many years a Washington correspondent.

Mr. Shaw entered the Patent Office in September, 1885, and was made principal examiner on July 1, 1902.

He is survived by his widow, Mrs. Terese Genevieve Shaw, three daughters, Laura, Genevieve and Mary Shaw, and three sons, A. P., jr., Alfred and Russell Shaw.

S. H. J. Daley, '15

On June 21, S. H. J. Daley, E.M., '15, was killed in the Inspiration Mine at Miami, Arizona.

Mr. Daley was caught in a rush or fall of ore and smothered. It is supposed that while walking a drift in the mine, the floor of the drift was holed through by a miner on a lower level and that Mr. Daley was caught in the rush of ore that followed.

David Todd, jr., '16

David Todd, jr., an Electrical Engineering graduate of the University in the Class of 1916, was electrocuted on June 20, while working in one of the sub-stations of the Lehigh Coal & Navigation Company at Lansford.

Mr. Todd was in his twenty-fourth year. He was a son of David Todd, Division Ticket Agent of the Pennsylvania Railroad, at Williamsport. After graduating from the Williamsport High School in 1912 he entered Lehigh University. He was a member of the Sigma Chi Fraternity. While in the University, Mr. Todd played on the Varsity lacrosse squad and on the football and basketball teams of the Class of 1916. He was a member of the Sophomore Cotillion Club and took part in the Mustard and Cheese Dramatic Club performance. Mr. Todd is survived by his parents and a brother, William B. Todd, E.E., '14.

JUST AN EVERY-DAY CONVERSATION—(With a Sequel)

SCENE :

The large drafting room of an industrial plant.

DRAMATIS PERSONAE :

Two Lehigh Alumni—a Chief Engineer and a draftsman.

DRAFTSMAN :

"Here are those plans for that power piping."

CHIEF ENGINEER (Glancing at Plans) :

"Yes, they seem to be all right" (looking over specifications) "but you haven't specified any particular kind of pipe in these specifications."

DRAFTSMAN :

"Why, all pipe is alike, isn't it?"

CHIEF ENGINEER (Rather dryly) :

"Some people seem to think so. I don't. There are ninety and eight technical reasons (more or less) why "NATIONAL" Pipe should be used on this job, but I am going to ignore the ninety and simply mention the eight individual reasons :

- | | | |
|-----|-----------------------|--|
| (1) | Taylor Allderice, '83 | who received the degree of Master of Science on June 9, 1917, Vice-President National Tube Company, in Charge of Operation of all twelve plants. |
| (2) | W. A. Cornelius, '89 | Manager, National Works |
| (3) | G. P. McNiff, '06 | Metallurgical Engineer |
| (4) | W. A. Dehm, '98 | Civil Engineer, Lorain Works |
| (5) | R. R. Throp, '05 | Civil Engineer, Riverside Works |
| (6) | C. S. Stouffer, '06 | Mech. Engineer, Kewanee Works |
| (7) | H. A. Dudley, '07 | Engineering Department, Kewanee Works |
| (8) | H. C. Gerwig, '10 | Sales Department |

SEQUEL

The Specifications called for "NATIONAL" Pipe.

MORAL



Harrisburg Pipe and Pipe Bending Co.

HARRISBURG, PA.

BASIC OPEN HEARTH BILLETS AND SLABS

HOT DRAWN SEAMLESS STEEL CYLINDERS FOR
OXYGEN AND OTHER HIGH PRESSURE GASES

HOT ROLLED STRIP STEEL

COMMON STEEL SHELL AND SHRAPNEL

GENERAL SUPERINTENDENT, W. P. STARKEY, '00

C. L. MCKENZIE, '93, PRES.

C. C. BURGESS, '95, CHIEF ENGR.

I. J. FREEDMAN, '07, ASST. ENGR.

PITTSBURGH CONSTRUCTION CO.

GENERAL CONTRACTORS

DIAMOND BANK BUILDING

PITTSBURGH, PA.

STEEL BRIDGE ERECTION, CONCRETE MASONRY, Etc.

C. L. MCKENZIE, '93, PRES.

C. C. BURGESS, '95, ASST. ENGR.

CONCRETE PRODUCTS COMPANY OF PITTSBURGH

DIAMOND BANK BUILDING

PITTSBURGH, PA.

REINFORCED. FACTORY-MADE,
CONCRETE CULVERT PIPE.
EMBANKMENT CRIBBING, ETC.

Bethlehem Foundry & Machine Company

GENERAL FOUNDERS AND MACHINISTS

SOUTH BETHLEHEM, PENNA.

W. A. WILBUR, President

ROBT. E. WILBUR, '04. Asst. to Gen'l Mgr.

J. GEORGE LEHMAN, '96, 1st Vice Pres. & Gen'l Mgr. I. E. KRAUSE, Sec'y and Treas.

RAILWAY WORK

FROGS
SWITCHES
CROSSINGS
STANDS

STRUCTURAL STEEL WORK

BRIDGES
BUILDINGS
STAIRS
ROOFS
COAL BREAKERS
HEAD FRAMES

The Guerber Engineering Company

MANUFACTURERS
AND CONTRACTING ENGINEERS

OFFICE, WORKS AND STOCK YARD
BETHLEHEM, PA.

ANGLES, CHANNELS, BEAMS, PLATES, BARS, RAILS, ETC.

CARRIED IN STOCK FOR PROMPT SHIPMENT

R. P. HUTCHINSON, '04, President and General Manager
F. H. BRUNNER, '80, Secretary
D. H. BRILLHART, '06, Assistant General Manager
J. J. CANNON, '11, Chief Engineer
J. M. BLEY, '11 C. E. PAULUS, '16 E. B. SEE, '17

DIRECTORS

W. A. WILBUR
A. N. CLEAVER
W. B. MYERS

J. S. KRAUSE
F. C. STOUT
J. W. ADAMS, '93

A. C. DODSON, '00
R. P. HUTCHINSON, '04

FRANKLIN BAKER COMPANY

PHILADELPHIA

COCONUT PRODUCTS

CANNED COCONUT

COCONUT OIL

COCONUT FIBRE

President, Franklin Baker, Jr., '95

ESTABLISHED 1857

INCORPORATED 1906

T. B. WOOD'S SONS COMPANY

CHAMBERSBURG, PA.

**MODERN AND APPROVED APPLIANCES
FOR THE TRANSMISSION OF POWER**

CHAS. O. WOOD, '92

T. B. WOOD, '98

G. H. WOOD, '99

MEMBER

NEW YORK METAL EXCHANGE

CABLE ADDRESS

"WHITEBRO"

WHITE & BRO.

INCORPORATED

SMELTERS AND REFINERS

RICHMOND AND HEDLEY STREETS

PHILADELPHIA

HARRY A. WHITE, '95

C. B. WHITE, '05

C. H. BOYNTON & CO.

60 BROADWAY, NEW YORK

MEMBERS

NEW YORK STOCK EXCHANGE

FOREIGN AND DOMESTIC SECURITIES

BOUGHT AND SOLD IN ANY MARKET

INFORMATION FOR INVESTORS FURNISHED

CHARLES H. BOYNTON, '89

THE PHOENIX BRIDGE CO.

ENGINEERS AND BUILDERS OF

BRIDGES AND OTHER STRUCTURES OF STEEL

WORKS, PHOENIXVILLE, PA.—ESTABLISHED 1790

NEW YORK, 49 WILLIAM ST. RESIDENT ENGINEER, W. R. OKESON, '96

CARRIER ENGINEERING CORPORATION

SPECIALISTS IN AIR CONDIT ONING

39 CORTLANDT ST., NEW YORK, N. Y.

E. T. MURPHY, '01, VICE-PRESIDENT
PHILADELPHIA, PA.

HUMIDIFYING, DEHUMIDIFYING
COOLING, AIR WASHING
AUTOMATIC TEMPERATURE
AND HUMIDITY REGULATION

Veeder

The Veeder Manufacturing Co.

Veeder

32 SARGEANT ST.

HARTFORD, CONN.

C. H. VEEDER, '86, PRESIDENT

Complete Descriptive Catalogues sent on
application

CYCLOMETERS
ODOMETERS
TACHOMETERS
TACHODOMETERS
COUNTERS
SPEED COUNTERS
FINE CASTINGS

CYCLOMETERS
ODOMETERS
TACHOMETERS
TACHODOMETERS
COUNTERS
SPEED COUNTERS
FINE CASTINGS

Cost-Cutting Machinery

*To Load—Unload—to Pile
(or Elevate)—to Convey*

Bags—Bales—Boxes—Bundles—Barrels

Cuts down the force of men ordinarily required so that the machine soon pays for itself through savings effected. Thereafter, turns an **expense** account into a source of **profit**. Solves the labor problem.

In use in 27 countries, by the United States Government, by leading European governments, by **progressive** concerns—large and small—in all industries. Every machine "Built to Fit the Job"—and **guaranteed**.

Send for Bulletin No. 163.

BROWN PORTABLE CONVEYING MACHINERY CO.

Harwood Frost, '93, President

10 South La Salle Street

Chicago, Illinois

THE

Bethlehem Preparatory School

A SCHOOL OF HIGH SCHOLASTIC STANDING

Every opportunity given the student to make rapid progress and save time.

1500 boys prepared for leading universities in 38 years.

All branches of athletics.

Write for catalogue.

JOHN MITCHELL TUGGEY

Head Master

LEHIGH ALUMNI BULLETIN

PUBLISHED QUARTERLY BY THE
ALUMNI ASSOCIATION OF THE LEHIGH UNIVERSITY INC.

PRESENT CIRCULATION 5200
REACHES ENGINEERS, CONTRACTORS AND MANUFACTURERS
THROUGHOUT THE UNITED STATES.

NOTE:—We have started a drive to increase the circulation to 10000 during the coming year. The advertising will have double value but the old rates will obtain for those advertisers contracting for space for the year.

Make Your Contracts Now!

For advertising rates address—

WALTER R. OKESON,
Editor Lehigh Alumni Bulletin,
Drown Hall, South Bethlehem, Pa.

THE ROWAN CONTROLLER COMPANY MANUFACTURERS OF

AUTOMATIC MOTOR CONTROL

PRESIDENT, J. S. ROWAN, '10
SALES MANAGER, W. C. JACKSON, '10

BALTIMORE

PROFESSIONAL CARDS

Methuen, Mass., Phone 31 Lawrence

WILLIAM D. HARTSHORNE, '74
Consulting Engineer

Textile Mill Conditions a Specialty
Cable Address
"Hartshorne, Lawrence" Mass.

New York City 84 William St.

FORSTALL AND ROBISON
Consulting Engineers
For Public Utilities

Alfred E. Forstall, '83
Chas. D. Robison

Washington, D. C. McGill Bldg.

JAMES A. WATSON, '84
Patent Lawyer

New York City

32 Nassau St.

CLINTON AND RUSSELL
Architects

J. Hollis Wells, '85
A. J. S. Holton T. J. George

New York City

100 Broadway

L. B. STILLWELL, '85
Consulting Engineer

Electrical—Civil—Mechanical
Valuations and Reports

St. Louis, Mo.

711 Clark Ave.

ROBERT W. BARRELL, '87
Manager

St. Louis Sampling & Testing Works

Chemists, Metallurgists and Mining Engineers
All kinds of analyses, investigations, examinations
and reports in these lines made promptly
and carefully.

PROFESSIONAL CARDS—Continued

Philadelphia 112 North Broad St.

J. W. LEDOUX, '87

Consulting Engineer

Water Works, Hydraulic
Reports and Valuation

Washington, D. C.

14th and G Sts., N.W.

RALPH W. LEE, '87

Fire and Liability Insurance

Correspondence solicited

New York City

45 Broadway

CLARENCE W. HUDSON, '89

Consulting Engineer

Designs, Estimates, Reports on
All Classes of Structures

New York City

50 Church St.

ALEXANDER POTTER, '90

Consulting Engineer

Hydraulics, Sanitation, Concrete
Structures

Tel.: 5501 Cortland.

Philadelphia

6th and Walnut Sts.

PERCIVAL DRAYTON '92

General Insurance

Penn Mutual Life Insurance Co.
Bell Tel.: Lombard 4380

Philadelphia

302 Harrison Bldg.

DU BOIS, MIXER & ARMAS

Consulting Mining Engineers

Philadelphia, Salt Lake City and
Paris, France

H. W. Du Bois, '92

Allentown, Pa. 403-407 A. N. B. Bldg.

BERNARD ENRIGHT, '93

Director

Eastern Testing Laboratories

SPECIALTIES: Cement, Lime, Hydrated Lime, Etc.
Examinations of Properties. Expert Opinions.
Chemical Analyses. Standard and Special Tests

Washington, D. C.

McGill Bldg.

CHARLES J. O'NEILL, '93

Patent Lawyer

Pittsburgh

1st National Bank Bldg.

GEO. S. BATON & CO.

Consulting Engineers

Reports on Western Mining Property

G. S. Baton, '94

J. R. Elliott

New York City

347 Fifth Ave.

JAMES L. BURLEY, '94

Architect

New York City

143 Liberty St.

THOMAS J. GANNON, '96

Consulting Mechanical and Hydraulic Engineer
On Power Plants, Water Supply and
Sewage Disposal; Coal and Fuel
Economy; Mechanical Equipment
and Testing; Reports and Valuations.

Tel.: Cortland 2457

New York City

299 Madison Ave.

THEODORE C. VISSCHER, '99

Architect

New York City

39 E. 28th St.

ROBINSON & WAGNER

Consulting Engineers

Sewers and Sewage Disposal

Geo. L. Robinson, '00

E. L. Wagner

New York City

32 Liberty St.

DYER SMITH, '03

Patent Lawyer

LEHIGH
COKE
COMPANY

FURNACE AND FOUNDRY
COKE

SOUTH BETHLEHEM
PENNSYLVANIA

Toluol	Benzol
Ammonium Sulphate	Crude Naphthaline
Solvent Naphthas	Tar

CHAIRMAN, E. G. GRACE, '99

PRESIDENT, W. F. ROBERTS, '02

VICE-PRESIDENT, C. A. BUCK, '87

SECRETARY AND TREAS., B. H. JONES, '94

BETHLEHEM STEEL COMPANY

MANUFACTURERS OF

STEEL AND STEEL PRODUCTS

Works Located at

SOUTH BETHLEHEM, PA.

REDINGTON, PA.

STEELTON, PA.

LEBANON, PA.

SPARROWS POINT, MD.

E. O. QUAKER, V.P.

ALFRED L. JOHNSON, JR.

W. T. BRYDEN,

C. A. HICKLEY,

W. T. ROBERTS, JR.

D. H. CONNER, JR.

President

Vice-President

Chief Engineer

General Manager

Superintendent

Secretary and Treasurer